

ile 344:Chinese Patents Abs Aug 1985-2003/Mar
 (c) 2003 European Patent Office
 File 347:JAPIO Oct 1976-2003/Apr(Updated 030804)
 (c) 2003 JPO & JAPIO
 File 350:Derwent WPIX 1963-2003/UD,UM &UP=200352
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?ds

Set	Items	Description
S1	102	(CUSTOMIZ? OR CUSTOMIS? OR PERSONALIZ? OR PERSONALIS? OR T-AILOR?) (3N) (ID OR IDS OR IDENTIFICATION?)
S2	260	(CUSTOMIZ? OR CUSTOMIS? OR PERSONALIZ? OR PERSONALIS? OR T-AILOR?) (3N) (DOCUMENT? ? OR DOCUMENTATION? OR SECURITY?)
S3	368	(CUSTOMIZ? OR CUSTOMIS? OR PERSONALIZ? OR PERSONALIS? OR T-AILOR?) (3N) (LICENS? OR BADGE? OR CERTIFICAT? OR CARD OR CARDS OR PASSPORT?)
S4	5288206	GENERAT? OR CREAT? OR DESIGN? ? OR DESIGNING? OR PRODUCE? ? OR PRODUCING OR MAKE? ? OR MAKING
S5	5763156	S4 OR ORDER? ? OR ORDERING OR PURCHAS? OR ACQUI? OR BUY? OR BOUGHT OR TRANSACTION?
S6	811897	NETWORK? OR INTERNET OR WEBSITE? OR WEBPAGE? OR WEB() (SITE? OR PAGE?) OR WWW OR WORLDWIDEB OR WORLD()WIDE()WEB OR ONLI-NE OR ON()LINE OR DIGITAL? OR DIGITI?
S7	51	S1 AND S5
S8	20	S7 AND S6
S9	66	S2(5N)S5
S10	4	S9(5N)S6
S11	3	S10 NOT S8
S12	55	S3(5N)S5
S13	2	S12(5N)S6
S14	2	S13 NOT (S8 OR S11)

8/5/1 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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015451850 **Image available**
WPI Acc No: 2003-513992/200348
XRPX Acc No: N03-407954

Provision method for personalized transactional benefits at a point of purchase over a network based on personalized identification information provided by a consumer

Patent Assignee: WILLIAMS P (WILL-I)

Inventor: WILLIAMS P

Number of Countries: 100 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200350734	A1	20030619	WO 2002IB5280	A	20021211	200348 B

Priority Applications (No Type Date): US 200123364 A 20011213

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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WO 200350734	A1	E	78	G06F-017/60	
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Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW

Designated States (Regional): AT BE BG CH CY CZ DE DK EA EE ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SI SK SL SZ TR TZ UG ZM ZW

Abstract (Basic): WO 200350734 A1

NOVELTY - Code symbol reader connected to first server of **network** is used to scan at least portion of indicia on product. Associated product identification number is retrieved from server. Personalized identifier of consumer is processed and **personalized identification** provided by consumer is retrieved from server. Pricing information, **purchasing** options and product information for article are displayed. Personalized **transactional** benefits are offered for **purchase** of article based on **personalized identification** information provided by consumer.

USE - For providing product related information to a customer.

ADVANTAGE - Interactively provides product and related information to a user.

DESCRIPTION OF DRAWING(S) - The figure shows a system for interactively providing product information to a user.

pp; 78 DwgNo 1/15

Title Terms: PROVISION; METHOD; PERSON; BENEFICIAL; POINT; **PURCHASE** ; **NETWORK** ; BASED; PERSON; IDENTIFY; INFORMATION; CONSUME

Derwent Class: T01; T04

International Patent Class (Main): G06F-017/60

International Patent Class (Additional): G06K-007/10

File Segment: EPI

8/5/2 (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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015448044 **Image available**
WPI Acc No: 2003-510186/200348
XRPX Acc No: N03-405258

Web page **provision system** generates web page according to **customize information satisfying application rule, that is received from personal information management site, and web page generation algorithm**

Patent Assignee: MITSUBISHI ELECTRIC CORP (MITQ)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2003178051	A	20030627	JP 2001377698	A	20011211	200348 B

Priority Applications (No Type Date): JP 2001377698 A 20011211

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2003178051	A	9	G06F-017/21	

Abstract (Basic): JP 2003178051 A

NOVELTY - The **web page generation** algorithm, the application rule of **customize** information and the **identification** information of a request origin are **acquired** and transmitted to a personal information management site (24). The customize information which satisfies the application rule is transmitted by the management site and a **web page** is **generated** according to the page **generation** algorithm and the customize information.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for **web page** provision method.

USE - **Web page** provision system.

ADVANTAGE - Eliminates the management burden of personal information in one-to-one site.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of the **web page** provision system. (Drawing includes non-English language text).

personal information management site (24)

pp; 9 DwgNo 1/6

Title Terms: WEB; PAGE; PROVISION; SYSTEM; **GENERATE** ; WEB; PAGE; ACCORD; INFORMATION; SATISFY; APPLY; RULE; RECEIVE; PERSON; INFORMATION; MANAGEMENT; SITE; WEB; PAGE; **GENERATE** ; ALGORITHM

Derwent Class: T01

International Patent Class (Main): G06F-017/21

International Patent Class (Additional): G06F-013/00

File Segment: EPI

8/5/3 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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015368163 **Image available**

WPI Acc No: 2003-429101/200340

XRPX Acc No: N03-342550

User recognition and customized content provision system uses user information acquired without active user input, to generate identification template for determining user identification information

Patent Assignee: TEXAS INSTR INC (TEXI); KILLIAN R T (KILL-I);

MILOVANOVIC R (MILO-I)

Inventor: KILLIAN R T; MILOVANOVIC R

Number of Countries: 032 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030028872	A1	20030206	US 2001923232	A	20010803	200340 B
EP 1286518	A2	20030226	EP 2002102097	A	20020805	200340
JP 2003162622	A	20030606	JP 2002227181	A	20020805	200346

Priority Applications (No Type Date): US 2001923232 A 20010803

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20030028872	A1	12	H04N-007/16	
EP 1286518	A2 E		H04L-029/06	

Designated States (Regional): AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI SK TR

Abstract (Basic): US 20030028872 A1

NOVELTY - A recognition device (14) uses user information that is **acquired** by a data **acquisition** device (12) such as camera, without active user input or participation, to **generate** an identification template that is compared with reference template to determine user identification information. Apparatus (16) such as television or telephone, provides customized content related to the user identification information.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (1) content provision apparatus;
- (2) television system;
- (3) customized content provision method; and
- (4) remote control device.

USE - For recognizing user and providing customized content including television program through laptop computer, desktop computer, personal **digital** assistant, telephone and television.

ADVANTAGE - Eliminates the need for the user to actively enter information or actively participate in his/her **identification** . Provides **customized** content in real time.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of the user recognition and customized content provision system.

data **acquisition** device (12)
recognition device (14)
apparatus (16)
pp; 12 DwgNo 1/6

Title Terms: USER; RECOGNISE; CUSTOMISATION; CONTENT; PROVISION; SYSTEM;
USER; INFORMATION; **ACQUIRE** ; ACTIVE; USER; INPUT; **GENERATE** ; IDENTIFY;
TEMPLATE; DETERMINE; USER; IDENTIFY; INFORMATION

Derwent Class: T01; T04; W01; W02; W03

International Patent Class (Main): G06F-017/60; H04L-029/06; H04N-007/16

International Patent Class (Additional): G06F-003/00; G06F-013/00;

H04H-009/00; H04N-005/445; H04N-007/173; H04N-017/00

File Segment: EPI

8/5/4 (Item 4 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014844820 **Image available**

WPI Acc No: 2002-665526/200271

XRPX Acc No: N02-526502

Computer implemented custom domains creation method for Internet application, involves traversing domain trees associated with knowledge system to construct new domain tree

Patent Assignee: SIVARAMAN K (SIVA-I)

Inventor: SIVARAMAN K

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020087523	A1	20020704	US 2000225203	A	20000814	200271 B
			US 2000751713	A	20001229	

Priority Applications (No Type Date): US 2000225203 P 20000814; US 2000751713 A 20001229

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20020087523	A1	18	G06F-007/00	Provisional application US 2000225203

Abstract (Basic): US 20020087523 A1

NOVELTY - A knowledge system which comprises **customized** domain capabilities for **identification** of nodes across all domains managed

by a knowledge system server, is searched. The domain trees associated with the knowledge system are traversed to construct a new domain tree. The new domain representing data managed by the knowledge system server is implemented.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

(1) Custom domain **creation** system in remote computer **network** ; and

(2) Computer program product storing custom domain **creation** program.

USE - For **creating** custom domain using computer system for **Internet** application.

ADVANTAGE - The knowledge systems provide several benefits including answers to learner's question at point of need, incidental learning through exploration of related topics and access to experts in risk-free environment. Provides efficient and practical way for company to share the knowledge and experiences of experts with less experience employees in risk-free environment.

DESCRIPTION OF DRAWING(S) - The figure shows a hardware environment of the computer system.

pp; 18 DwgNo 2/11

Title Terms: COMPUTER; IMPLEMENT; CUSTOM; DOMAIN; **CREATION** ; METHOD; APPLY ; TRAVERSE; DOMAIN; TREE; ASSOCIATE; SYSTEM; CONSTRUCTION; NEW; DOMAIN; TREE

Derwent Class: T01

International Patent Class (Main): G06F-007/00

File Segment: EPI

8/5/5 (Item 5 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014769123 **Image available**

WPI Acc No: 2002-589827/200263

XRPX Acc No: N02-468056

Business conducting method for e-commerce transactions , involves maintaining status of orders generated through EDI portals in accessible database

Patent Assignee: GREENE R C (GREE-I)

Inventor: GREENE R C

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020077916	A1	20020620	US 99170532	A	19991214	200263 B
			US 2000735911	A	20001214	

Priority Applications (No Type Date): US 99170532 P 19991214; US 2000735911 A 20001214

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

US 20020077916 A1 10 G06F-017/60 Provisional application US 99170532

Abstract (Basic): US 20020077916 A1

NOVELTY - A site accessing system allows manufacturers and retailers to access product information libraries (102,104,106) in a **web site** (10) based on membership **ID code**. **Customized** pricing programs are stored for each customer based on profiles and credit status (114). Shipping status of **orders generated** through electronic data interference (EDI) portals are maintained in an accessible database. Customer queries are solved by an **online** customer service staff (112).

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for business conducting system.

USE - For conducting business-to-business e-commerce **transactions**

between manufacturers of consumer products and retailers through
Internet .

ADVANTAGE - Eliminates lengthy and costly process of printing and distributing mass mailings of catalog and also eliminates need for brokers by maintaining information in **web sites** . Enables retailers to download specific product information. Provides inexpensive and effective system by maintaining **web site** which is accessible by both manufacturers and retailers. Enables specific manufacturers to access credit information by maintaining customer profile. Enables manufacturers to update information in **web sites** easily.

DESCRIPTION OF DRAWING(S) - The figure shows a flowchart explaining business conduction process.

Web site (10)

Product information libraries (102,104,106)

Customer service staff (112)

Profiles and credit status (114)

pp; 10 DwgNo 2/4

Title Terms: BUSINESS; CONDUCTING; METHOD; **TRANSACTION** ; MAINTAIN; STATUS;
ORDER ; **GENERATE** ; THROUGH; PORTAL; ACCESS; DATABASE

Derwent Class: T01; T05

International Patent Class (Main): G06F-017/60

File Segment: EPI

8/5/6 (Item 6 from file: 350)

DIALOG(R) File: 350:Derwent WPIX

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014737319 **Image available**

WPI Acc No: 2002-558023/200259

Related WPI Acc No: 2003-102928; 2003-128928

XRPX Acc No: N02-441678

Managing deal process for customer prospecting, deal making and closing deals by prompting user to create deal, including identifying deal team members and notifying members of deal team of tasks to be performed and milestones

Patent Assignee: ALEXANDER R M (ALEX-I); CAMPALANS E A (CAMP-I); CARTER T G (CART-I); GILLIES J P (GILL-I); GOODWIN S M (GOOD-I); HORNICK R F (HORN-I); KURZNER J W (KURZ-I); MCCARTHY K M (MCCA-I); MCCONNELL G N (MCCO-I); PAIKO M W (PAIK-I); PEARSON J (PEAR-I); SADLER D A (SADL-I); WALSH K P (WALS-I); GEN ELECTRIC CAPITAL CORP (GENE)

Inventor: ALEXANDER R M; CAMPALANS E A; CARTER T G; GILLIES J P; GOODWIN S M; HORNICK R F; KURZNER J W; MCCARTHY K M; MCCONNELL G N; PAIKO M W; PEARSON J; SADLER D A; WALSH K P

Number of Countries: 100 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200259717	A2	20020801	WO 2002US1035	A	20020110	200259 B
US 20020103689	A1	20020801	US 2001771358	A	20010127	200260

Priority Applications (No Type Date): US 2001771358 A 20010127

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
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WO 200259717	A2	E 104	G06F-000/00	
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Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZM ZW

US 20020103689 A1 G06F-017/60

Abstract (Basic): WO 200259717 A2

NOVELTY - A user is prompted to **create** a business profile, to

create a deal including identifying deal team members and notifying members of the deal team of tasks to be performed and milestones. **Creation** of a business profile also prompts a user to establish user accounts with authority levels of at least one of user, manager, and administrator. **Creation** of a business may prompt an administrator to set up a structure of divisions and sub-divisions for the business.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for:

- (a) a system for managing a deal process
- (b) an apparatus for managing a deal process
- (c) a database for managing a deal process
- (d) a method for initiating a deal **transaction**
- (e) a computer readable medium
- (f) a computer programmed to prompt user with a deal prospect **web**

page

USE - For customer prospecting, deal **making** and closing deals with customers, store documents, which are associated with a deal.

ADVANTAGE - Ensures a common approach for deal **creation** and management across a business while allowing for business specific **customization**. Provides for **identification** of predefined tasks and includes structures for facilitating business **transactions**, which allow individual business units to configure portals and **web pages** to meet business needs. A robust security structure allows companies and users on specific deals to be isolated from other deals, while protecting company confidential information. Also, summary and status pages within the system keep members of a deal team informed.

DESCRIPTION OF DRAWING(S) - The drawing is a diagram describing a deal process.

pp; 104 DwgNo 4/55

Title Terms: MANAGE; DEAL; PROCESS; CUSTOMER; PROSPECTING; DEAL; CLOSE; DEAL; PROMPT; USER; DEAL; IDENTIFY; DEAL; TEAM; MEMBER; NOTIFICATION; MEMBER; DEAL; TEAM; TASK; PERFORMANCE

Derwent Class: T01

International Patent Class (Main): G06F-000/00; G06F-017/60

File Segment: EPI

8/5/7 (Item 7 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014269258 **Image available**

WPI Acc No: 2002-089956/200212

XRPX Acc No: N02-066260

System for managing users and services over a wireless communication network to authenticate user identities for assigning an access level and controlling use of the services

Patent Assignee: ZTANGO INC (ZTAN-N); KAILAMAKI K (KAIL-I); KHURANA S (KHUR-I); SUOMALAINEN M (SUOM-I)

Inventor: KAILAMAKI K; KHURANA S; SUOMALAINEN M

Number of Countries: 096 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200191400	A2	20011129	WO 2001US16039	A	20010518	200212 B
AU 200163240	A	20011203	AU 200163240	A	20010518	200221
US 20020049675	A1	20020425	US 2000203810	P	20000519	200233
			US 2001860342	A	20010518	

Priority Applications (No Type Date): US 2000203810 P 20000519; US 2001860342 A 20010518

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200191400 A2 E 45 H04L-029/00

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ

PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW
AU 200163240 A H04L-029/00 Based on patent WO 200191400
US 20020049675 A1 G06F-017/60 Provisional application US 2000203810

Abstract (Basic): WO 200191400 A2

NOVELTY - A service provider entry is **created** for a company that provides a service which is then added as available to users, before a user account is **created** for a specific user on a database and a subscription is **created** to at least one available service for the user. A unique identification is assigned for utilization by the system and disabling can be performed by setting the user bearer address to expire at a certain date and time or by directly disabling ability of the bearer address to be authenticated.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for a method of managing users and services in a system and for a user interface.

USE - Managing users and services over a wireless communication network .

ADVANTAGE - Defining user, and group aliases for **customized identification** .

DESCRIPTION OF DRAWING(S) - The drawing is a view of an administrative console.

pp; 45 DwgNo 6/18

Title Terms: SYSTEM; MANAGE; USER; SERVICE; WIRELESS; COMMUNICATE; **NETWORK** ; AUTHENTICITY; USER; IDENTIFY; ASSIGN; ACCESS; LEVEL; CONTROL; SERVICE

Derwent Class: W01

International Patent Class (Main): G06F-017/60; H04L-029/00

File Segment: EPI

8/5/8 (Item 8 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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014196461 **Image available**

WPI Acc No: 2002-017158/200202

XRPX Acc No: N02-013797

Identification document generating and ordering system using Internet , provides facsimile of draft identification document to user and receives job acceptance signal from user

Patent Assignee: VRAIN K C S (VRAI-I)

Inventor: VRAIN K C S

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20010037309	A1	20011101	US 2000179355	A	20000131	200202 B
			US 2001774762	A	20010131	

Priority Applications (No Type Date): US 2000179355 P 20000131; US 2001774762 A 20010131

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20010037309	A1		24	G06F-017/60	Provisional application US 2000179355

Abstract (Basic): US 20010037309 A1

NOVELTY - A service bureau (112) retrieves demographic data, graphical representation and identification document **design** data from databases (120,122) in response to the paid-in-full and user verification signals from modules (110,126) and **produces** a draft identification document. A module (124) transmits a facsimile of the document to the user over a **network** and in turn receives a job acceptance signal.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for **customized identification document ordering** method.

USE - For **generating** and **ordering** an identification document such as identification cards, badges or larger documents such as passport over a **network** such as **Internet** for security applications.

ADVANTAGE - Data relating to the age or birth date of the user is not printed on the identification document, thus the illegitimate users attempting to obtain the documents are avoided. Regular identification badge stock is used and the type of stock is not typically preprinted and is cheaper than preprint identification badge stock. The cost of the document is reduced and the service bureau automatically **generates** e-mail address to the user when the badges are ready.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of identification document specification and production system.

Payment module (110)

Service bureau (112)

Demographic and picture data database (120)

Identification document **design** data database (122)

User approval module (124)

User verification module (126)

pp; 24 DwgNo 1/10

Title Terms: IDENTIFY; DOCUMENT; **GENERATE** ; **ORDER** ; SYSTEM; FACSIMILE;

DRAFT; IDENTIFY; DOCUMENT; USER; RECEIVE; JOB; ACCEPT; SIGNAL; USER

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

8/5/9 (Item 9 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014141549 **Image available**

WPI Acc No: 2001-625760/200172

XRPX Acc No: N01-466460

Graphical user interface generation method for multimedia communication, involves determining whether input data including user identification information received is stored within database connected to server

Patent Assignee: EYLES J S (EYLE-I)

Inventor: EYLES J S

Number of Countries: 093 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200163514	A1	20010830	WO 2000US16845	A	20000619	200172 B
AU 200057487	A	20010903	AU 200057487	A	20000619	200202

Priority Applications (No Type Date): US 2000510665 A 20000222

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200163514 A1 E 53 G06F-017/60

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW

AU 200057487 A G06F-017/60 Based on patent WO 200163514

Abstract (Basic): WO 200163514 A1

NOVELTY - An input data including an user identification information is received, and determined whether the information is stored within database connected to server. Based on the determined user **identification** information, a **customized** graphical user interface for multimedia communication session is **created** , dynamically.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (a) Advertisement display method;
- (b) Multimedia answering service provision method;
- (c) Web browser resources transmission method;
- (d) Graphical user interface **generating** apparatus;
- (e) Advertisement display apparatus;
- (f) Web browser resources transmission apparatus;
- (g) Computer program product

USE - For **generating** a graphical user interface for multimedia communication e.g. real-time transmission of multimedia data including video data, audio data and video teleconferencing using **internet**.

ADVANTAGE - The target advertisement are displayed by the user during multimedia communication session.

DESCRIPTION OF DRAWING(S) - The figure shows the hardware diagram of the graphical user interface **generating** apparatus.

pp; 53 DwgNo 1/10

Title Terms: GRAPHICAL; USER; INTERFACE; **GENERATE** ; METHOD; COMMUNICATE; DETERMINE; INPUT; DATA; USER; IDENTIFY; INFORMATION; RECEIVE; STORAGE; DATABASE; CONNECT; SERVE

Derwent Class: T01

International Patent Class (Main): G06F-017/60

International Patent Class (Additional): G06F-009/44

File Segment: EPI

8/5/10 (Item 10 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014096861 **Image available**

WPI Acc No: 2001-581075/200165

XRPX Acc No: N01-432846

Identification card personalization device comprises network adapter connected to network and web server for serving data over network

Patent Assignee: FARGO ELECTRONICS INC (FARG-N); KLINEFELTER G M (KLIN-I); LENZ G A (LENZ-I)

Inventor: KLINEFELTER G M; LENZ G A

Number of Countries: 030 Number of Patents: 006

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200143979	A1	20010621	WO 2000US34050	A	20001215	200165 B
US 20010053947	A1	20011220	US 99170987	P	19991215	200206
			US 2000739080	A	20001215	
EP 1240027	A1	20020918	EP 2000989273	A	20001215	200269
			WO 2000US34050	A	20001215	
KR 2002061643	A	20020724	KR 2002707626	A	20020614	200305
JP 2003517667	W	20030527	WO 2000US34050	A	20001215	200344
			JP 2001545089	A	20001215	
CN 1409668	A	20030409	CN 2000817078	A	20001215	200345

Priority Applications (No Type Date): US 99170987 P 19991215; US 2000739080 A 20001215

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200143979 A1 E 33 B42D-015/10

Designated States (National): CN DE GB JP KR

Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU

MC NL PT SE TR

US 20010053947 A1 G06F-019/00 Provisional application US 99170987

EP 1240027 A1 E B42D-015/10 Based on patent WO 200143979

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT

LI LT LU LV MC MK NL PT RO SE SI TR

KR 2002061643 A G06F-019/00
JP 2003517667 W 26 G06K-017/00 Based on patent WO 200143979
CN 1409668 A B42D-015/10

Abstract (Basic): WO 200143979 A1

NOVELTY - The device (10) comprises at least one hardware component (24) selected from group consisting of print mechanism for printing onto card (30) and lamination mechanism for laminating card. A **network** adapter (27) is provided for connecting to **network** (12) and web server (14) for serving data over **network**.

USE - **Identification card personalization** device e.g. **identification** card printers, identification card laminator, used for **creating** identification cards used for driver licenses, identification badges.

ADVANTAGE - Permits distribution of application and data over **network** efficiently.

DESCRIPTION OF DRAWING(S) - The figure shows the simplified block diagram of **identification card personalization** device.

Identification card personalization device (10)

Network (12)

Web server (14)

Hardware component (24)

Network adapter (27)

Card (30)

pp; 33 DwgNo 2/3

Title Terms: IDENTIFY; CARD; DEVICE; COMPRISE; **NETWORK** ; CONNECT; **NETWORK** ; WEB; SERVE; SERVE; DATA; **NETWORK**

Derwent Class: P73; P75; P76; T01; T04

International Patent Class (Main): B42D-015/10; G06F-019/00; G06K-017/00

International Patent Class (Additional): B32B-031/00; B41J-003/50;

B41J-005/30; G06K-019/077

File Segment: EPI; EngPI

8/5/11 (Item 11 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013870346 **Image available**

WPI Acc No: 2001-354558/200137

Related WPI Acc No: 2001-226519; 2001-226521

XRAM Acc No: C01-109756

XRFX Acc No: N01-257631

Manufacture of coffee beverage utilizes a beverage delivery system which delays mixing of coffee extract for a minimum specified time after the onset of brewing of the extract

Patent Assignee: PROCTER & GAMBLE CO (PROC)

Inventor: CONNOR C W; GUTWEIN R W

Number of Countries: 094 Number of Patents: 006

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200112034	A2	20010222	WO 2000US22279	A	20000814	200137 B
AU 200069057	A	20010313	AU 200069057	A	20000814	200138
BR 200013242	A	20020423	BR 200013242	A	20000814	200235
			WO 2000US22279	A	20000814	
EP 1204355	A2	20020515	EP 2000957437	A	20000814	200239
			WO 2000US22279	A	20000814	
JP 2003506181	W	20030218	WO 2000US22279	A	20000814	200315
			JP 2001516384	A	20000814	
CN 1378432	A	20021106	CN 2000814100	A	20000814	200316

Priority Applications (No Type Date): US 99148985 P 19990814

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200112034 A2 E 45 A47J-031/00

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA
CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP
KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT
RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW

AU 200069057 A A47J-031/00 Based on patent WO 200112034

BR 200013242 A A47J-031/00 Based on patent WO 200112034

EP 1204355 A2 E A47J-031/00 Based on patent WO 200112034

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT
LI LT LU LV MC MK NL PT RO SE SI

JP 2003506181 W 64 A47J-031/52 Based on patent WO 200112034

CN 1378432 A A47J-031/00

Abstract (Basic): WO 200112034 A2

NOVELTY - A coffee beverage is made by obtaining customization interface for information which communicates with a beverage delivery system. The beverage delivery system delivers an individually customized beverage, based on the information processed by the interface. The system delays the mixing of the coffee extract for a minimum period of 5 minutes or a maximum of 48 hours after the onset of brewing of the extract.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for:

(1) a method for delivering individually customized recommendation for coffee beverage product options to an individual consumer;

(2) a method for delivering individually **customized** selection **identification** regarding beverage product options to an individual consumer;

(3) a method for providing a customized coffee beverage to a consumer;

(4) an interactive system for delivering a customized coffee beverage product to a consumer;

(5) a computer-readable medium containing instructions for controlling a beverage delivery system to **produce** a customized beverage product;

(6) a program product comprising a signal bearing medium embodying a program of machine-readable instructions executable by a **digital** processing apparatus to perform the steps in (5);

(7) a method for providing a recommendation to a consumer for a retail beverage product; and

(8) an interactive system for **making** recommendations to a consumer in a retail environment regarding a customized beverage product.

USE - For the manufacture of customized coffee beverage product for commercial and industrial setting e.g., restaurant, fast-food industry, workplace, and hospitals.

ADVANTAGE - The method provides individually customized servings of coffee delivered hot and ready to drink, on demand by the customer, in a wide range of variety and strength.

DESCRIPTION OF DRAWING(S) - A schematic illustration of an exemplary interactive system for conducting business.

pp; 45 DwgNo 1/9

Title Terms: MANUFACTURE; COFFEE; BEVERAGE; UTILISE; BEVERAGE; DELIVER; SYSTEM; DELAY; MIX; COFFEE; EXTRACT; MINIMUM; SPECIFIED; TIME; AFTER; ONSET; BREW; EXTRACT

Derwent Class: D13; P28; T05

International Patent Class (Main): A47J-031/00; A47J-031/52

International Patent Class (Additional): A23F-005/24; A47J-031/40;

G07F-013/06

File Segment: CPI; EPI; EngPI

8/5/12 (Item 12 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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012587942 **Image available**
WPI Acc No: 1999-394049/199933
Related WPI Acc No: 1998-297277
XRPX Acc No: N99-294472

Electronic work environment for data processing system

Patent Assignee: ALCATEL NETWORK SYSTEMS INC (COGE)
Inventor: BENZENBERG C K; MANN L S; OSLUND L C; ROE C A
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5913066	A	19990615	US 939927	A	19930127	199933 B
			US 96589764	A	19960122	
			US 97931899	A	19970917	

Priority Applications (No Type Date): US 939927 A 19930127; US 96589764 A 19960122; US 97931899 A 19970917

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5913066	A		25	G06F-011/22	Cont of application US 939927 Cont of application US 96589764 Cont of patent US 5751943

Abstract (Basic): US 5913066 A

NOVELTY - The customized **online** documentation module is customized to electronically identified predetermined configuration of predetermined hardware and software elements. The selected portions of customized documentation module is displayed in response to **generator**, based on user request.

DETAILED DESCRIPTION - A general documentation module includes documentation relating to predetermined hardware and software elements arranged in predetermined configuration, and also relating to other hardware and software elements. An identification unit identifies predetermined configuration of predetermined hardware and software elements without requiring user **identification**. A **customized online** documentation module is **generated** in response to general documentation module and identification unit. INDEPENDENT CLAIMS are also included for the following:

- (a) data processing system operating method;
- (b) computer readable product

USE - In data processing system such as PC, workstation, minicomputer, mainframe computer and supercomputer.

ADVANTAGE - A complete set of documentation is provided as executable modules on data processing system so that documentation can interact with hardware and software elements of system. Installation, turn-up, administration, trouble shooting and **ordering** are greatly simplified even for complex data processing system.

DESCRIPTION OF DRAWING(S) - The figure shows block diagram of electronic work environment.

pp; 25 DwgNo 3/9

Title Terms: ELECTRONIC; WORK; ENVIRONMENT; DATA; PROCESS; SYSTEM

Derwent Class: T01

International Patent Class (Main): G06F-011/22

File Segment: EPI

8/5/13 (Item 13 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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012324485 **Image available**
WPI Acc No: 1999-130591/199911
XRPX Acc No: N99-095023

Interactive entertainment system e.g. ITV system - has server which retrieves and transmits viewer configured customized program list to

user, to enable user to order video programs

Patent Assignee: MICROSOFT CORP (MICT)

Inventor: DUNN M W; SHOFF D J

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5861906	A	19990119	US 95437096	A	19950505	199911 B

Priority Applications (No Type Date): US 95437096 A 19950505

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5861906	A		21	H04N-007/10	

Abstract (Basic): US 5861906 A

NOVELTY - A database (46) in server, stores list of video content programs correlated with a list of viewers, and using which individual viewer is provided with customized list of preferred video programs. When server receives message from VOD user interface unit, the viewer configured customized list is retrieved from database and transmitted to user. The user can review their customized list for **ordering** video content program in customized list. DETAILED DESCRIPTION - Each viewer is assigned with unique viewer ID and each program is assigned with unique program ID. A join table correlates viewer ID with program ID and the server queries the database to obtain program **IDs** of programs in **customized** list. An INDEPENDENT CLAIM is also included for interactive entertainment **network** operating method.

USE - E.g. ITV system with VOD application in home.

ADVANTAGE - Enables user to easily identify movies of interest. Filters entire database into small groups of similar program based on intuitive criteria. DESCRIPTION OF DRAWING(S) - The figure shows block diagram of interactive entertainment **network** system. (46) Database.

Dwg.1/13

Title Terms: INTERACT; ENTERTAINMENT; SYSTEM; ITV; SYSTEM; SERVE; RETRIEVAL ; TRANSMIT; VIEW; CONFIGURATION; CUSTOMISATION; PROGRAM; LIST; USER; ENABLE; USER; **ORDER** ; VIDEO; PROGRAM

Derwent Class: W02; W03

International Patent Class (Main): H04N-007/10

International Patent Class (Additional): H04N-007/16

File Segment: EPI

8/5/14 (Item 14 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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012038974 **Image available**

WPI Acc No: 1998-455884/199839

XRFX Acc No: N98-355748

Interactive consumer product promotion method - has computer controlled interactive games and personalised rebate forms with customer discount payment

Patent Assignee: SMALL M E (SMAL-I)

Inventor: SMALL M E

Number of Countries: 002 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5791991	A	19980811	US 95559798	A	19951115	199839 B
CA 2224032	A1	19990608	CA 2224032	A	19971208	199948 N

Priority Applications (No Type Date): US 95559798 A 19951115; CA 2224032 A 19971208

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5791991	A		16	A63F-003/06	
CA 2224032	A1	E		G06F-017/60	

Abstract (Basic): US 5791991 A

The promotions method comprises a centralized data base [1] including a CPU [2] which **generates** an interactive screen display [3]. Memories store consumer product discount and refund information [5] and the game matrices for bingo and keno games [6]. The CPU is connected by modem to an **internet** site [11] for remote access by home users.

The keyboard can use a scanner to input completed rebate forms and for inputting evidence of **purchase**. Interaction from the games and discount or refund information is shown at the screen of the terminal or remote computer. Electronic transfer or in built printers credit funds to the consumer which form **personalised** rebates with consumer ID and security bar codes.

USE- Interactive electronic terminals in stores and personal computers from home.

ADVANTAGES- Match game offers cash incentive providing target audience for promotions and advertising. Matches can yield instant discounts or vouchers in the form of personalised rebates or instant fund transfer to the users account.

Dwg.1/8

Title Terms: INTERACT; CONSUME; PRODUCT; PROMOTE; METHOD; COMPUTER; CONTROL ; INTERACT; GAME; PERSON; REBATE; FORM; CUSTOMER; DISCOUNT; PAY

Derwent Class: P36; T01; T05; W02

International Patent Class (Main): A63F-003/06; G06F-017/60

International Patent Class (Additional): G06F-017/40; G06F-019/00

File Segment: EPI; EngPI

8/5/15 (Item 15 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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011894991

WPI Acc No: 1998-311901/199827

Related WPI Acc No: 1996-278122; 1998-311902; 1999-008998; 2000-557405; 2001-502180; 2003-196692

XRPX Acc No: N98-244553

Customised **electronic** identification method of desired objects such as news articles in electronic media environment - involves enabling access by user to number of target objects and sets of target object characteristics stored on electronic storage media via user target profile interest summary

Patent Assignee: EISNER J M (EISN-I); HERZ F S M (HERZ-I); SALGANICOFF M (SALG-I)

Inventor: EISNER J M; HERZ F S M; SALGANICOFF M

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5754938	A	19980519	US 94346425	A	19941129	199827 B
			US 95550886	A	19951031	

Priority Applications (No Type Date): US 95550886 A 19951031; US 94346425 A 19941129

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 5754938	A	56	H01H-001/00	CIP of application US 94346425

Abstract (Basic): US 5754938 A

The method involves **generating** a user pseudonym confidentially at a proxy server, unique to the user, by authenticated user credentials provided by an authenticating entity. An user target profile summary indicating the user's access patterns are mapped to target objects and sets of target object characteristics to the user pseudonym.

Access by the user is enabled to the target objects and the sets of

target object characteristics stored on an electronic storage media via the user target profile interest summary associated with the user's pseudonym. The target objects and sets of target object characteristics are confidentially routed to the user.

ADVANTAGE - Organizes efficient distribution of information in a large scale system containing many users interconnected by a communication **network**. Preserves user's preferences confidentially. Reduces time and energy required for information retrieval.

Dwg.0/16

Title Terms: CUSTOMISATION; ELECTRONIC; IDENTIFY; METHOD; OBJECT; NEWS; ARTICLE; ELECTRONIC; MEDIUM; ENVIRONMENT; ENABLE; ACCESS; USER; NUMBER; TARGET; OBJECT; SET; TARGET; OBJECT; CHARACTERISTIC; STORAGE; ELECTRONIC; STORAGE; MEDIUM; USER; TARGET; PROFILE; INTEREST; SUMMARY

Derwent Class: T01; W02

International Patent Class (Main): H01H-001/00

International Patent Class (Additional): H01J-013/00; H04N-007/14;

H04N-007/173

File Segment: EPI

8/5/16 (Item 16 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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011792729 **Image available**

WPI Acc No: 1998-209639/199819

XRPX Acc No: N98-166601

Service access method for Internet -type information network - has credit-card type access, with card inserted into user terminal and generated DTMF signals digitised and transmitted across network to service provider where authorisation is performed

Patent Assignee: FINTEL SA (FINT-N); FINTEL (FINT-N)

Inventor: GAYET A; MOULIN J; ROSSET F

Number of Countries: 080 Number of Patents: 007

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
FR 2753857	A1	19980327	FR 9611912	A	19960925	199819 B
WO 9813984	A1	19980402	WO 97FR1685	A	19970925	199820
AU 9743891	A	19980417	AU 9743891	A	19970925	199834
NO 9901427	A	19990427	WO 97FR1685	A	19970925	199927
			NO 991427	A	19990324	
CN 1238092	A	19991208	CN 97199889	A	19970925	200016
EP 1008256	A1	20000614	EP 97942090	A	19970925	200033
			WO 97FR1685	A	19970925	
JP 2001508890	W	20010703	WO 97FR1685	A	19970925	200142
			JP 98515348	A	19970925	

Priority Applications (No Type Date): FR 9611912 A 19960925

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

FR 2753857 A1 18 H04L-009/32

WO 9813984 A1 F 32 H04M-001/274

Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW

Designated States (Regional): AT BE CH DE DK EA ES FI FR GB GH GR IE IT KE LS LU MC MW NL OA PT SD SE SZ UG ZW

AU 9743891 A H04M-001/274 Based on patent WO 9813984

NO 9901427 A H04M-000/00

CN 1238092 A H04M-001/274

EP 1008256 A1 F H04M-001/274 Based on patent WO 9813984

Designated States (Regional): AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE SI

JP 2001508890 W 33 G06F-015/00 Based on patent WO 9813984

Abstract (Basic): FR 2753857 A

The method involves use of a service provider by users having a personalised credit type card (10) which is used for access authorisation. The card emits coded DTMF acoustic signals which are received by a microphone in a multimedia terminal (16). The signals are converted to **digital** form and transmitted across a **network** link to a service provider (18) where the signals are processed and de-encrypted (24). A **personalised identification** number is also input.

If a match is found between the received signals and those allocated to the authorised user, multimedia services can immediately be connected.

ADVANTAGE - Ensures only authentic user can access subscriber services, preventing access when attempt is made to use stolen card.

Dwg.1/4

Title Terms: SERVICE; ACCESS; METHOD; TYPE; INFORMATION; **NETWORK** ; CREDIT; CARD; TYPE; ACCESS; CARD; INSERT; USER; TERMINAL; **GENERATE** ; DTMF; SIGNAL; **DIGITAL** ; TRANSMIT; **NETWORK** ; SERVICE; AUTHORISE; PERFORMANCE

Derwent Class: W01

International Patent Class (Main): G06F-015/00; H04L-009/32; H04M-000/00; H04M-001/274

International Patent Class (Additional): G06F-001/00

File Segment: EPI

8/5/17 (Item 17 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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010466705

WPI Acc No: 1995-368024/199548

XRAM Acc No: C95-160141

XRPX Acc No: N95-272366

System for reading and processing radiation image stored in phosphor screen - generates customised parameter set for use in image identification, reading and processing stations

Patent Assignee: AGFA-GEVAERT NV (GEVA); AGFA-GEVAERT (GEVA)

Inventor: DEWAELE P; VUYLSTEKE P; VUYLSTEKE P

Number of Countries: 007 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 679909	A1	19951102	EP 94201183	A	19940429	199548 B
JP 7302330	A	19951114	JP 95120386	A	19950424	199603
US 5646417	A	19970708	US 95427967	A	19950426	199733
EP 679909	B1	19980318	EP 94201183	A	19940429	199815
DE 69409095	E	19980423	DE 609095	A	19940429	199822
			EP 94201183	A	19940429	

Priority Applications (No Type Date): EP 94201183 A 19940429

Cited Patents: EP 77999; US 5014045; US 5172418; WO 9214403

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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EP 679909	A1	E	13	G01T-001/29	
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Designated States (Regional): BE DE FR GB NL

JP 7302330	A		1	G06T-001/00	
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US 5646417	A		10	G03B-042/02	
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EP 679909	B1	E	14	G01T-001/29	
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Designated States (Regional): BE DE FR GB NL

DE 69409095	E			G01T-001/29	Based on patent EP 679909
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Abstract (Basic): EP 679909 A

A system for reading and processing a radiation image stored in a photo-stimulable phosphor screen has stations for entering and displaying data identifying the image, reading the image and converting

it to **digital** form, and processing the **digital** image. A customised image processing and configuration parameter set can be **generated** and stored in each station so that required operating parameters can be selected and used to control station operation. The set associates identification, read-out and processing parameters with an examination type, partic. obtained from a set of hard copy radiographic images processed with different parameter settings.

USE - Partic. for medical **digital** radiography.

ADVANTAGE - Permits efficient and fast identification and setting of parameters.

Dwg.0/3

Title Terms: SYSTEM; READ; PROCESS; RADIATE; IMAGE; STORAGE; PHOSPHOR; SCREEN; **GENERATE** ; CUSTOMISATION; PARAMETER; SET; IMAGE; IDENTIFY; READ; PROCESS; STATION

Derwent Class: K08; P82; S03; S05; T01

International Patent Class (Main): G01T-001/29; G03B-042/02; G06T-001/00

International Patent Class (Additional): H04N-007/18

File Segment: CPI; EPI; EngPI

8/5/18 (Item 18 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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009526125 **Image available**

WPI Acc No: 1993-219666/199327

XRPX Acc No: N93-168349

Card activated point-of-sale lottery terminal - has POS terminals e.g. in supermarket, department store, etc. connected to central computer via telephone network , with play centre providing purchaser with card for placed wager combination

Patent Assignee: TELECREDIT INC (TELE-N)

Inventor: KAPUR S B

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5223698	A	19930629	US 91681017	A	19910405	199327 B

Priority Applications (No Type Date): US 91681017 A 19910405

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 5223698	A		8 G06F-015/28	

Abstract (Basic): US 5223698 A

The lottery tickets sales system serves a multiplicity of facilities, each having a number of point-of-sale locations. Sales are expedited by cards customised for individual customers only with desired wager data in machine-readable form to identify repeated **purchases** . Terminals at point-of-sale locations in a facility are coupled to a facility play centre for interfacing a remote central computer through telephone communications. Cards, void of individual data, are prepared by the play centres.

Terminals receive cards for cooperation with a facility play centre to formulate an **order** data packet communicated to the central computer. Contemplated **purchase** data packets are supplied from the central computer for actuating source terminals to display **purchase** value for approval or rejection. Approved **purchases** prompt the terminal to issue one or more lottery tickets with the recorded wager data.

ADVANTAGE - Fast, simple, efficient dispensing of lottery tickets. Eliminates need for **personalised identification** documentation.

tie

Dwg.1/5

Title Terms: CARD; ACTIVATE; POINT; SALE; LOTS; TERMINAL; POS; TERMINAL; SUPERMARKET; DEPARTMENT; STORAGE; CONNECT; CENTRAL; COMPUTER; TELEPHONE;

NETWORK ; PLAY; CENTRE; PURCHASE ; CARD; PLACE; COMBINATION
Derwent Class: T01; T04; T05
International Patent Class (Main): G06F-015/28
File Segment: EPI

8/5/19 (Item 19 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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008963625 **Image available**
WPI Acc No: 1992-090894/199212
XRPX Acc No: N92-068157

Watch case with personalised plate - has plate with ID details or personal message mounted to face of watch case e.g. by screws

Patent Assignee: BUILTMORE IND LTD (BUIL-N)
Inventor: TAM R W M

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
GB 2247963	A	19920318	GB 9020300	A	19900917	199212 B

Priority Applications (No Type Date): GB 9020300 A 19900917

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
GB 2247963	A	7		

Abstract (Basic): GB 2247963 A

The watch (10) has a watch case (12) and a watch strap (14). The watch case incorporates a watch face (16). The watch may be **digital** or analogue. The watch case is also provided with a plate (18) on which **identification** details of a **personalised** message can be engraved. The watch face is orientated at an acute angle, pref. 60 degs., to the longitudinal axis (17) of the watch to allow more space on the face for the plate which is also oriented at the same acute angle.

The plate is removably fixed to the outer face of the watch case, it is secured to the upper face of the watch case by two screws (20) which are positioned on the plate in **order** to securely mount it in place on the watch case. Suitably the watch case is indented to provide a channel/trench which corresponds inversely in shape to the shape of the plate such that the plate can be fleshly mounted relative to the upper surface of the watch case.

ADVANTAGE - One mould can be used in **order** to obtain a number of watches each of which can be individually personalised.

Title Terms: WATCH; CASE; PERSON; PLATE; PLATE; ID; DETAIL; PERSON; MESSAGE ; MOUNT; FACE; WATCH; CASE; SCREW

Derwent Class: R25; S04

International Patent Class (Additional): G04B-037/00; G04B-045/00

File Segment: EPI

8/5/20 (Item 20 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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008791788 **Image available**
WPI Acc No: 1991-295803/199140
XRPX Acc No: N91-226559

Personalisation and data identification of electronic module - detecting and comparing data identifier to match with required data according to personalised identifier

Patent Assignee: SIEMENS AG (SIEI)

Inventor: LONCLE J; LONCLE J P

Number of Countries: 015 Number of Patents: 007

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9114213	A	19910919				199140 B
FR 2659457	A	19910913				199147
EP 471806	A	19920226	EP 91904280	A	19910222	199209
JP 4503728	W	19920702	JP 91504210	A	19910222	199233
			WO 91EP333	A	19910222	
EP 471806	B1	19960424	EP 91904280	A	19910222	199621
			WO 91EP333	A	19910222	
US 5510775	A	19960423	WO 91EP333	A	19910222	199622
			US 91778995	A	19911107	
			US 94294383	A	19940823	
DE 69118994	E	19960530	DE 618994	A	19910222	199627
			EP 91904280	A	19910222	
			WO 91EP333	A	19910222	

Priority Applications (No Type Date): FR 902857 A 19900307

Cited Patents: 1.Jnl.Ref; EP 333057; EP 48825; JP 61160107; US 4349695

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9114213	A				
					Designated States (National): JP US
					Designated States (Regional): AT BE CH DE DK ES FR GB GR IT LU NL SE
EP 471806	A				
					Designated States (Regional): DE GB IT SE
JP 4503728	W		12	G06F-013/14	Based on patent WO 9114213
EP 471806	B1 E		12	G05B-019/042	Based on patent WO 9114213
					Designated States (Regional): DE GB IT SE
US 5510775	A		10	G05B-023/02	CIP of application WO 91EP333
					CIP of application US 91778995
DE 69118994	E			G05B-019/042	Based on patent EP 471806
					Based on patent WO 9114213

Abstract (Basic): WO 9114213 A

The module receives **digital** signal frames comprising a frame identifier field and a data field. An identifier discriminator in the module authorises the **acquisition** of data held in the frames according to a predetermined identifier held in the data field of the signal frame.

The frame identifier field, contg. an image of the initial state of memory, is then loaded into the declared memory zone of the module.

USE/ADVANTAGE - In local **networks** of multiplexed data in automotive vehicles. Simple, inexpensive. Facilitates stock management of modules. Modules can be tested before personalisation. (19pp

Dwg.No.1/3)

Title Terms: DATA; IDENTIFY; ELECTRONIC; MODULE; DETECT; COMPARE; DATA;

IDENTIFY; MATCH; REQUIRE; DATA; ACCORD; PERSON; IDENTIFY

Derwent Class: T01; W01; W05; X22

International Patent Class (Main): G05B-019/042; G05B-023/02; G06F-013/14

International Patent Class (Additional): G05B-019/04; G05B-019/05;

G06F-007/04; H04J-003/02

File Segment: EPI

11/5/1 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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014986111 **Image available**
WPI Acc No: 2003-046626/200304
Related WPI Acc No: 2002-654808
XRPX Acc No: N03-036806

Customized network document creation and viewing method from
client computer involves selecting options for customizing, getting
identifier for them and storing in client, to be used for retrieving
customized version of document

Patent Assignee: MICROSOFT CORP (MICT)

Inventor: CRITCHFIELD R E; GROSSMAN M B; GWERTZMAN J S; ISAAC S A; MCDANIEL
P A; TUCHEN M H

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020143853	A1	20021003	US 96761566	A	19961206	200304 B
			US 99464165	A	19991215	
			US 2002154619	A	20020522	

Priority Applications (No Type Date): US 96761566 A 19961206; US 99464165 A
19991215; US 2002154619 A 20020522

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20020143853	A1		13	G06F-015/16	Cont of application US 96761566 Cont of application US 99464165 Cont of patent US 6424981

Abstract (Basic): US 20020143853 A1

NOVELTY - The network document is accessed and the options for
customizing the document are chosen from multiple options at the client
terminal during creation. The option is transmitted to the server,
respective identifier is received and stored with client. During
viewing, the identifier is transmitted from the client on reception of
request from server and the customized version of the document is
received.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for
customized network document providing method.

USE - For **creating** and viewing **customized network document**
such as HTML documents used for home page, network gateway pages or
other pages that provide direct access to wide variety of links or
information, through Internet, intranet etc.

ADVANTAGE - Provides easy and automatic identification of the
client with reference to identifier association with option for
customization.

DESCRIPTION OF DRAWING(S) - The figure shows a flowchart
illustrating steps in HTML document customization method.

pp; 13 DwgNo 3/6

Title Terms: CUSTOMISATION; NETWORK; DOCUMENT; CREATION; VIEW; METHOD;
CLIENT; COMPUTER; SELECT; OPTION; CUSTOMISATION; IDENTIFY; STORAGE;
CLIENT; RETRIEVAL; CUSTOMISATION; VERSION; DOCUMENT

Derwent Class: T01

International Patent Class (Main): G06F-015/16

File Segment: EPI

11/5/2 (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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014877699 **Image available**
WPI Acc No: 2002-698405/200275

XRPX Acc No: N02-550803

Customizable interface generation method for XML documents, involves passing components implementing specific input/output modes generated from XML schema and user customization rules, to rendering system

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)

Inventor: ROLLINS S N; SUNDARESAN N

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020129060	A1	20020912	US 2001799698	A	20010307	200275 B

Priority Applications (No Type Date): US 2001799698 A 20010307

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20020129060	A1		18	G06F-015/00	

Abstract (Basic): US 20020129060 A1

NOVELTY - A set of components that implement specific input and output modes, are generated through code generation from analyzed XML schema and user customization rules. The generated components are passed to a rendering system (412) that uses the input and output modes of the components to navigate and modify an XML document (410).

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

- (1) Customizable interface generation system; and
- (2) Article of manufacture comprising medium storing XML document customizable interface generation program.

USE - For **generating** multiple **customizable** interfaces for XML **document** used for **Internet** , LAN, WAN, **WWW** , cellular, satellite, virtual applications, etc.

ADVANTAGE - Allows users to access XML data inspite of input/output restrictions, by providing an intuitive method for interacting with the XML data and also allows users to customize interface according to his/her preference.

DESCRIPTION OF DRAWING(S) - The figure shows a detailed overview of the customizable interface generation system.

XML document (410)

Rendering system (412)

pp; 18 DwgNo 4/13

Title Terms: INTERFACE; GENERATE; METHOD; DOCUMENT; PASS; COMPONENT;

IMPLEMENT; SPECIFIC; INPUT; OUTPUT; MODE; GENERATE; USER; CUSTOMISATION;

RULE; RENDER; SYSTEM

Derwent Class: T01

International Patent Class (Main): G06F-015/00

File Segment: EPI

11/5/3 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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011844816 **Image available**

WPI Acc No: 1998-261726/199823

XRPX Acc No: N98-206273

Personalised identity card for controlling access to services - includes digitally recorded photograph printed on card, and further user information electronically stored within memory within card

Patent Assignee: GKARD SAS (GKAR-N)

Inventor: MORAINÉ M

Number of Countries: 019 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9818106	A1	19980430	WO 97FR1853	A	19971016	199823 B
FR 2758197	A1	19980710	FR 9612923	A	19961017	199834
EP 1012792	A1	20000628	EP 97911278	A	19971016	200035

			WO 97FR1853	A	19971016	
JP 2001502454	W	20010220	WO 97FR1853	A	19971016	200114
			JP 98519025	A	19971016	

Priority Applications (No Type Date): FR 9612923 A 19961017

Cited Patents: No-SR.Pub

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9818106	A1	F	75	G07C-009/00	
Designated States (National): JP					
Designated States (Regional): AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE					
FR 2758197	A1			G06K-019/10	
EP 1012792	A1	F		G07C-009/00	Based on patent WO 9818106
Designated States (Regional): CH DE ES FR GB IT LI NL					
JP 2001502454	W		55	G07B-015/00	Based on patent WO 9818106

Abstract (Basic): WO 9818106 A

The method for **producing a personalised identity document** includes **digital acquisition** of a photograph of the user's face, and collection of further data relating to the user. This information is then applied to a card which includes a printing surface, and a recording medium, the image of the face being printed on the surface and the further user data being electrically recorded in the recording medium.

The stages of preparation of the personalised card are separate from subsequent use of the card to authorise access to a service or facility. Furthermore, the process of recording the image and the user related data are separate, adding to the security afforded by use of the card to identify the holder.

ADVANTAGE - Provided identification card which cannot be forged, authorising use of public transport, medical service or banking services.

Dwg.1/18

Title Terms: PERSON; IDENTIFY; CARD; CONTROL; ACCESS; SERVICE; DIGITAL; RECORD; PHOTOGRAPH; PRINT; CARD; USER; INFORMATION; ELECTRONIC; STORAGE; MEMORY; CARD

Derwent Class: P76; T01; T05

International Patent Class (Main): G06K-019/10; G07B-015/00; G07C-009/00

International Patent Class (Additional): B42D-015/10; B42D-203-00;

G07B-001/00; G07F-007/10

File Segment: EPI; EngPI

14/5/1 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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015338806 **Image available**
WPI Acc No: 2003-399744/200338

System and method for offering customized **image** design card on Internet

Patent Assignee: SAMSUNG CAPITAL CO LTD (SMSU)

Inventor: AHN S C

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
KR 2003004569	A	20030115	KR 200140084	A	20010705	200338 B

Priority Applications (No Type Date): KR 200140084 A 20010705

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
KR 2003004569	A		1	G06F-017/60	

Abstract (Basic): KR 2003004569 A

NOVELTY - A system and a method for offering a **customized image design card** on the **Internet** are provided to enable a customer to directly make or freely select a card design by making the customer offer an image such as a photo of the customer.

DETAILED DESCRIPTION - A card request receiving part(310) receives a request of the **customized image design card** from the customer through the **Internet**. A menu providing part(320) provides various design elements to the customer. A customer selection data receiving part(330) receives the information for the design finally selected by the customer and receives a photo image file form the customer. A card image generating part(340) generates and stores the card image according to the design selected by the customer. The card image of the customer generated by the card image generating part(340) is transmitted to a card maker through online/offline.

pp; 1 DwgNo 1/10

Title Terms: SYSTEM; METHOD; OFFER; CUSTOMISATION; IMAGE; DESIGN; CARD

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

14/5/2 (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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014073119 **Image available**
WPI Acc No: 2001-557332/200162

XRPX Acc No: N01-414207

Greeting card distribution method for electronic commerce over Internet, involves presenting card image in What You See Is What You Get format in combination with received modifications

Patent Assignee: 4YOURSOU L COM (FOUR-N)

Inventor: FRIEDMAN D; HUSE B; SINGHVI A

Number of Countries: 093 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200129794	A1	20010426	WO 2000US41272	A	20001018	200162 B
AU 200119698	A	20010430	AU 200119698	A	20001018	200162

Priority Applications (No Type Date): US 99420434 A 19991018

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200129794	A1	E	65	G07F-017/26	

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA
CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP
KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT
RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW

AU 200119698 A G07F-017/26 Based on patent WO 200129794

Abstract (Basic): WO 200129794 A1

NOVELTY - A network accessible compilation of cards is maintained. Data identifying one of the cards and data defining modifications to cards are received. Card image with received modifications is presented in What You See Is What You Get (WYSIWYG) format. Data identifying a destination address of the card is received. The data representing modifications to the card is transmitted over computer network to database.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (a) Computer program product;
- (b) Computer system

USE - For electronic commerce to select, **customize** and coordinate greeting **card** delivery with gifts **purchased** over computer **network**

ADVANTAGE - Enables the Internet user to connect directly to the master system for creation and cards purchase separate and apart from any vendor transactions by enabling the Internet user to view customization to the selected cards in WYSIWYG format.

DESCRIPTION OF DRAWING(S) - The figure shows the conceptual block diagram of element of the computer system in network environment.

pp; 65 DwgNo 2/11

Title Terms: GREETING; CARD; DISTRIBUTE; METHOD; ELECTRONIC; PRESENT; CARD; IMAGE; FORMAT; COMBINATION; RECEIVE; MODIFIED

Derwent Class: T01; T05

International Patent Class (Main): G07F-017/26

International Patent Class (Additional): G06F-017/60

File Segment: EPI

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?ds

Set	Items	Description
S1	11	(CUSTOMIZ? OR CUSTOMIS? OR PERSONALIZ? OR PERSONALIS? OR T- AILOR?)(3N)(ID OR IDS OR IDENTIFICATION?)
S2	247	(CUSTOMIZ? OR CUSTOMIS? OR PERSONALIZ? OR PERSONALIS? OR T- AILOR?)(3N)(DOCUMENT? ? OR DOCUMENTATION? OR SECURITY?)
S3	42	(CUSTOMIZ? OR CUSTOMIS? OR PERSONALIZ? OR PERSONALIS? OR T- AILOR?)(3N)(LICENS? OR BADGE? OR CERTIFICAT? OR CARD OR CARDS OR PASSPORT?)
S4	55957	GENERAT? OR CREAT? OR DESIGN? ? OR DESIGNING? OR PRODUCE? ? OR PRODUCING OR MAKE? ? OR MAKING
S5	65875	S4 OR ORDER? ? OR ORDERING OR PURCHAS? OR ACQUI? OR BUY? OR BOUGHT OR TRANSACTION?
S6	65132	NETWORK? OR INTERNET OR WEBSITE? OR WEBPAGE? OR WEB() (SITE? OR PAGE?) OR WWW OR WORLDWIDWEB OR WORLD()WIDE()WEB OR ONLI- NE OR ON()LINE OR DIGITAL? OR DIGITI?
S7	8	S1 AND S5
S8	5	S7 AND S6
S9	51	S2(5N)S5
S10	6	S9(5N)S6
S11	6	S10 NOT S8
S12	30	S3 AND S5
S13	16	S12 AND S6
S14	16	S13 NOT (S8 OR S11)
S15	15	S14 NOT PY>2001
?		

8/5/1

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.
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01127566 DOCUMENT TYPE: Product

PRODUCT NAME: **Easy Business (127566)**

MicroBiz Corp (437654)
1 Park Way
Upper Saddle River, NJ 07458 United States

RECORD TYPE: Directory

CONTACT: Sales Department

Easy Business, offered by MicroBiz (R), is a management system that allows business to ring sales, print itemized receipts and invoices, receive and track inventory, and **generate** sales and reorder reports. A straightforward, menu-based interface simplifies data entry and inventory updating, and other tasks. Tapping the system, businesses can identify slow-moving products; daily, monthly, and annual sales; and customer preferences. Easy Business can be used to handle service sales. It also supports barcode reading and printing. The product tracks address, telephone, e-mail, discount, tax rate, price level, and other customer information. It also can track inventory according to color, size, and style features. The system's credit card option supports authorization processes. Easy Business records and prints all **transactions**. It also provides users with **online** deposit features, immediately transferring customer credit charges to business bank accounts. Easy Business includes rental management, add-on sales tracking, zip code tracking, referral **identification**, **customized** report **generation**, employee time clock, and other features. The system supports multiple languages. It works with pole display, cash drawer, tape backup, receipt printer, magnetic stripe reader, and other peripheral devices. A demonstration version of Easy Business can be downloaded from the MicroBiz **Web site**.

DESCRIPTORS: Barcoding; Inventory; **Order** Entry; **Order** Fulfillment;
Point of Sale; Rental Companies; Retailers; Small Business

HARDWARE: IBM PC & Compatibles
OPERATING SYSTEM: Windows; Windows NT/2000
PROGRAM LANGUAGES: Not Available
TYPE OF PRODUCT: Micro
POTENTIAL USERS: Small Retailers
PRICE: Available upon request; Internet demo available
TRAINING AVAILABLE: Technical support
REVISION DATE: 20030205

8/5/2

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.
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01118133 DOCUMENT TYPE: Product

PRODUCT NAME: **CIS Chemical Inventory System (CISPro Web) (118133)**

ChemSW Inc (722936)
420F Executive Ct N
Fairfield, CA 94585-4019 United States
TELEPHONE: (707) 864-0845

RECORD TYPE: Directory

CONTACT: Sales Department

CIS Chemical Inventory System (R), offered by ChemSW (R), is a database system that tracks chemicals and laboratory supplies. CIS Chemical Inventory System (CISPro Web) employs a container-based tracking model and can store large amounts of information on chemicals, supplies, and formulations. The system automatically **generates** unique identification numbers, or it allows users to **create customized** numbers. The **identification** numbers can be used with the Remote Inventory Barcoding Module (RIBM), simplifying remote inventory control processing. CISPro Web defines formulations with its Ingredient List. After ingredients have been selected, the program **generates** scaled batch records. CISPro Web's **Transaction** Logging feature monitors item, date, location, user, and other information. Referencing user-defined thresholds, it alerts users to low inventory levels. CISPro Web also offers researchers integrated structure and sub-structure search options. Structure files **created** in Isis/Draw, ChemDraw, or other molecular drawing programs can be pasted into the system's database. CISPro Web also includes user access management features. The system is installed and configured quickly. It includes **online** help features and a tutorial.

DESCRIPTORS: Equipment Management; Hazardous Materials; Intranets;
Inventory; Laboratories; Medical Laboratories

HARDWARE: IBM PC & Compatibles
OPERATING SYSTEM: IIS; Oracle; Windows; Windows NT/2000
PROGRAM LANGUAGES: Not Available
TYPE OF PRODUCT: Micro
POTENTIAL USERS: Laboratories, Manufacturers
PRICE: Available upon request

DOCUMENTATION AVAILABLE: Online documentation; tutorials
REVISION DATE: 021203

8/5/3

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.
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00116450 DOCUMENT TYPE: Review

PRODUCT NAMES: Microsoft Windows (740896); MSN (526495); MyYahoo!
(694916)

TITLE: The Information Exchange Economy
AUTHOR: Williamson, Debra Aho
SOURCE: Industry Standard, v2 n14 p58(3) May 3, 1999
ISSN: 1098-9196
HOMEPAGE: <http://www.thestandard.com>

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

Microsoft's Microsoft Windows and Microsoft **Network** (MSN) and Yahoo!'s My Yahoo! are highlighted a discussion of new Web-enabled strategies and methods for improving customer relationships. Initiatives that depend on the principles of direct and database marketing are merging to **make** the **Internet** a universal information exchange that will at long last allow one-to-one marketing. For instance, Microsoft is developing **ID** technology to **personalize** a customer's shopping activity on the MSN portal, and Intel and Excite will ally to **create** a personalized shopping tool. The trend began with such personalized **Web pages** as those in My Yahoo, which do not really provide the consumer with many advantages beyond convenience. The newer technologies will be based on advanced database

mining that will deliver a message to a specific individual and track the immediate and follow-on responses to the message. RealNetworks' technology, for example, allowed consumers to see the most recent Gap commercials before they were shown on TV, if consumers were willing to provide the Gap with their e-mail addresses. In another example, Free PC will give away 10,000 computers to consumers willing to provide demographic data and receive seemingly unending ad messages on their screens.

COMPANY NAME: Microsoft Corp (112127); Yahoo! Inc (610909)
DESCRIPTORS: Front Ends; IBM PC & Compatibles; **Internet** Marketing;
Portals; Windows
REVISION DATE: 20030221

8/5/4

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.
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00106117 DOCUMENT TYPE: Review

PRODUCT NAMES: Mitel Personal Assistant Windows 95 (663174)

TITLE: PC Phone Home: Mitel Personal Assistant defines a new level of...
AUTHOR: Simon, Barry
SOURCE: PC Magazine, v17 n6 p73(1) Mar 24, 1998
ISSN: 0888-8509
HOMEPAGE: <http://www.pcmag.com>

RECORD TYPE: Review
REVIEW TYPE: Review
GRADE: A

Mitel's Mitel Personal Assistant is missing a few features, but otherwise is a great product for any user that wants high-end telephony capabilities with their PC. The Personal Assistant comes with a telephone and modem. The software is well-integrated with the hardware provided. The unit has a single-line phone connector that can support up to three incoming numbers with distinctive rings. A serial cable connects it to the user's PC. The system uses Caller ID for a variety of purposes. The Caller ID number and name of the caller will be displayed in the user's Windows notification area. The program can also provide information about the caller from the user's contact database. The software enables the computer to be an answering machine. It allows remote playback of messages and tells the user how many messages there are. Users can fast forward through messages that they do not want or play messages in any **order**. The system can play music for a caller on hold or remind the user that there is a caller on hold. Based on the caller's **ID**, a **tailored** personal message can be left in voice mail for each caller. Callers can be greeted by name. Personal Assistant routes calls and faxes. However, its contact manager is limited, and it only works fully with Windows 95.

COMPANY NAME: Mitel **Networks** (531111)
SPECIAL FEATURE: Screen Layouts
DESCRIPTORS: Computer Telephony; IBM PC & Compatibles; Telecommunications;
Telephone Messages; Voice Mail; Windows
REVISION DATE: 20011224

8/5/5

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.
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00102824 DOCUMENT TYPE: Review

PRODUCT NAMES: InstallShield MultiPlatform 5 Professional Windows

·(081311)

TITLE: Installation Without Aggravation

AUTHOR: Coffee, Peter

SOURCE: Windows Sources, v5 n6 p88(1) Jul 1997

ISSN: 1065-9641

HOME PAGE: <http://www.winsources.com>

RECORD TYPE: Review

REVIEW TYPE: Review

GRADE: A

InstallShield's InstallSHIELD 5 Professional, a full-functioned integrated development environment (IDE), has some similarities to Microsoft's Microsoft Visual C++. This release merges syntax-conscious text editing of robust scripts with multiwindowed access to multiple resources, including multimedia. Automatic wizards use editable templates to speed up **creation** and release of new software. Users can be provided with an encouraging first impression that **makes** them confident in using a new product. InstallShield has extensive, well-deployed tools for the international market made up of corporate customers who need site-specific tools. Text strings, graphics, and other items are logically and completely organized to allow quick **identification** and **customization** for users' needs. For example, users can provide a Spanish-language version of an installation wizard using centralized user prompts as organized resources. This is much more efficient than the process of searching source code to find strings embedded in executable statements. Users can deliver products using various types of media, including the **Internet**. The included TimeLOCK from Preview Software, an automated wizard for setting a time limit for application operation, allows users to try the product on a trial basis. Users can test an application using the new QuickBuild option, which **generates** and completes a trial run but does not transfer specified files.

PRICE: \$795

COMPANY NAME: InstallShield Software Corp (502481)

SPECIAL FEATURE: Screen Layouts Charts

DESCRIPTORS: Configuration Management; IBM PC & Compatibles; Program Development; Software Marketing; Windows

REVISION DATE: 20030527

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11/5/1

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.
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01721425 DOCUMENT TYPE: Product

PRODUCT NAME: LibraryWorld (721425)

CASPR Inc (420271)
100 Park Center Plaza #550
San Jose, CA 95113 United States
TELEPHONE: (408) 882-0600

RECORD TYPE: Directory

CONTACT: Sales Department

CASPR offers LibraryWorld, a library automation system that incorporates cataloging, circulation management, and serials and acquisitions management. It includes a patron access catalog that supports searching by keyword, author, title, or subject, Boolean searches, virtual shelf browsing, digital document display, and display of any item's status. Its MARC catalog database enables users to create, import, and export MARC catalog records, store and retrieve **digital documents**, **generate** standard or **customized** reports, and print AACR2 cards, spine labels, and barcode labels. LibraryWorld's circulation module incorporates item check-in and check-out, holding and reserving items, management of overdue fines, management of patron records, and printable forms such as overdue notices. Its serials and acquisitions capabilities include tracking subscriptions, checking in items, generating orders, tracking budgets, and printing overdue and claim notices for overdue shipments.

DESCRIPTORS: Acquisitions; Cataloging; Circulation Management; Libraries;
Library Automation; Subscription Management

HARDWARE: Apple Macintosh; IBM PC & Compatibles; Pentium; PowerMac
OPERATING SYSTEM: MacOS; MacOS X; Windows; Windows NT/2000; Windows XP
PROGRAM LANGUAGES: Not Available
TYPE OF PRODUCT: Micro
POTENTIAL USERS: Libraries
PRICE: \$750--Bronze edition; \$2,850--Gold Edition; site license-- \$1,350
to \$3,850; site licensing available

OTHER REQUIREMENTS: 16MB RAM; System 7.6 or Win 9x+; 100MHz+ Pentium+ or
PowerMac+ CPU

REVISION DATE: 20010830

11/5/2

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.
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00133312 DOCUMENT TYPE: Review

PRODUCT NAMES: Printing on Demand (842915); Computer Equipment (835811)

TITLE: Standing out from the herd: A new breed of hardware and software...

AUTHOR: Ward, Noel

SOURCE: Electronic Publishing Magazine, v25 n8 p26(4) Aug 2001

ISSN: 1097-9190

HOME PAGE: <http://www.electronic-publishing.com>

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

Although print providers are cautious about deploying new technology, such companies as Xerox, Xeikon USA, NexPress, and Digital Works are introducing new digital color printers. In fact, Xerox's DocuColor 2045 and 2060 digital presses are selling quite well, and the business is making them a marketing priority. Xeikon USA's Web site is getting 200,000 page hits monthly, with 20 percent of those visits centering on digital presses. Additionally, market researching firm CAP Ventures believes that the market for color printing will increase from \$5 billion in 2000 to \$16 billion in 2001. Strategic alliances also should drive the market. For example, Heidelberg and Kodak have formed NexPress, which will offer the NexPress 2100 four-color digital press. Currently, several issues are limiting print providers' interest in these new presses. First, commercial printers no longer are drawn to short-run capabilities. More importantly, variable content printing is not offered by traditional providers. That said, there is a large potential market in digital printing for customer relationship management and marketing applications. Also, personalization of marketing materials may provide sales opportunities. Application service provider (ASP) Digital Works helps commercial printers **create customized documents** for their clients.

COMPANY NAME: Vendor Independent (999999)

DESCRIPTORS: Computer Equipment; Electronic Publishing; Printing & Graphic Arts; Printing on Demand

REVISION DATE: 20021226

11/5/3

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.

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00123148

DOCUMENT TYPE: Review

PRODUCT NAMES: Personalizer-X (711888); PrintShop Mail (772194); Xdata (772186); Mpower (792543); Darwin Desktop (730581)

TITLE: EP Resource Guide to Personalized Printing Software

AUTHOR: Staff

SOURCE: Electronic Publishing Magazine, v24 n2 p39(2) Feb 2000

ISSN: 1097-9190

HOME PAGE: <http://www.electronic-publishing.com>

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

Agfa Chromapress' Personalizer-X, Atlas Software's PrintShop Mail, Em Software's Xdata, PageFlex's MPower, and Scitex's Darwin are among highlighted personalized printing packages. Such products greatly expand users' ability to print personalized documents in large quantities. Personalizer-X is a Macintosh-only QuarkXPress XTension that **produces very customized, digital color documents**. Users can conduct all tasks related to preparation of variable data documents, including page layout and variable data linking, in the widely used QuarkXPress environment. PrintShop Mail, a time-saving program, is a plug-in that helps users customize professional layouts created in QuarkXPress, Adobe PageMaker, and other page layout and design applications. PrintShop Mail RIPs (raster image processes) the layout once and concurrently adds variable information in the correct fields and generates output at the maximum printing speed of the PostScript printer used. Xdata is an XTension that eases production of repetitive data-based publishing work in a QuarkXpress workflow. Xdata also can import all image formats supported by QuarkXPress. The MPower XML-based publishing line includes the PageFlex publishing component, which assembles completely personalized marketing materials directly and automatically, and

includes Producer, Designer, and Server components. Darwin Desktop 2.1 is a variable-information authoring tool that merges database management, design, and printing technologies.

COMPANY NAME: Agfa-Gevaert NV (217034); Atlas Software BV (668575); Em Software Inc (668567); Pageflex Inc (676781); Creo Inc (474495)
SPECIAL FEATURE: Screen Layouts Charts
DESCRIPTORS: Apple Macintosh; Authoring Systems; Desktop Publishing Utilities; Electronic Publishing; MacOS; Page Composition; PageMaker; Print Utilities; QuarkXPress; Templates
REVISION DATE: 20021226

11/5/4

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.
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00099519 DOCUMENT TYPE: Review

PRODUCT NAMES: Business Internet Suite (650871); Big Business 2.0 (599506)

TITLE: Set Up Shop in Cyberspace
AUTHOR: Hogan, Mike
SOURCE: PC/Computing, v10 n1 p106(1) Jan 1997
ISSN: 0899-1847

RECORD TYPE: Review
REVIEW TYPE: Review
GRADE: A

Peachtree Software's Business Internet Suite (BIS) and Big Software's Big Business 2.0, two World Wide Web site development suites for business users, are reviewed and compared. BIS gets the editor's nod, with very good marks overall, especially for ease of use based on sequential task guides, and secured online commerce. Big Business is an able tool, but difficult to use, since it lacks a Web wizard and **customization** tools, and **documentation** is scanty for **Web page creation**. Both products provide tools that create an entire site, including one with an electronic catalog, a secure commerce system, and an efficient connection to inventory. Users need not know Hypertext Markup Language (HTML) or hire consultants. BIS provides all the tools needed to conduct business on the Web, and users can construct a site in just a few minutes. To build the site with BIS, users simply load the software, click on the Build My Web Site icon, and finish a question and answer sequence to create a Web storefront. In about 15 minutes, testers created a nice, multipage Web site with interactive order forms. For users of Peachtree's Complete Accounting for Windows, the online shop can be further automated. When someone makes a purchase via the Web, the order is taken as a sales order, and when inspected, the correct accounts and registers are updated based on the order.

COMPANY NAME: Peachtree Software Inc (129241); Big Business Inc (632031)
SPECIAL FEATURE: Screen Layouts
DESCRIPTORS: Authoring Systems; Electronic Publishing; IBM PC & Compatibles; Internet Marketing; Internet Utilities; Order Fulfillment; Program Development; Web Site Design
REVISION DATE: 20020630

11/5/5

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.
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00096478 DOCUMENT TYPE: Review

PRODUCT NAMES: Cowles Estate Planning Practice Development System
(638234)

TITLE: Where There's a Will ...

AUTHOR: Ward, Denise

SOURCE: Law Office Computing, v6 n5 p32(1) Oct/Nov 1996

ISSN: 1055-128X

RECORD TYPE: Review

REVIEW TYPE: Review

GRADE: A

Cowles Legal Systems' Cowles Estate Planning Practice Development System, an integrated drafting system, is more than simply a document assembly application. It attempts to create a productive, customized, and profitable estate planning practice. It aims to reduce to a minimum the time required to do mundane tasks, so the lawyer can spend more time on legal research and planning. Will-Do-It is the first and smallest portion of the system, which allows one-time data entry for creation of various wills, including 'sweetheart' wills, credit shelter trusts, Q-Tip trust wills, marital deduction trusts, and various other specialized choices. Will-Do-It has the useful Client Maintenance Screen for standard data entry, which is followed by Session Information, where **customized** testamentary documents are **created**. **Online** help explains the meanings of phrases to be included, so that phrases chosen can most closely meet the needs of the client. Hard-copy documentation provided is well-written, and drafting checklists are also provided. These tools help the lawyer quickly learn how to use Cowles Estate Planning Practice Development System.

PRICE: \$490

COMPANY NAME: Cowles Legal Systems Inc (542628)

SPECIAL FEATURE: Charts

DESCRIPTORS: Document Generators; Estate Planning; Law Firms; Legal; Trust Accounting; Wills

REVISION DATE: 19970430

11/5/6

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.

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00083123

DOCUMENT TYPE: Review

PRODUCT NAMES: Moore Digital Print Management Systems (584525)

TITLE: Moore Unveils Prepress Software

AUTHOR: Staff

SOURCE: Business Documents, v8 n6 p21(1) Jul 1995

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

Moore Digital Print Management Series, a new workflow process and global digital network product, provides a network for creation, distribution, and printing of documents. It also includes important functions for the overall digital on-demand print management process. A vendor spokesman says the product gives users automated solutions for many tasks, including **creation** and printing of **customized** color documents. **Digital** printing is streamlined with Moore's Digital BrochureShop and Digital Pilot technology; BrochureShop offers templates for quick creation of promotional literature, and Digital Pilot makes sure the product is correctly designed and printed on the first pass. Digital ColorQuick technology integrates software and hardware to combine text, images, and graphics in a continuous workflow

process. User advantages include faster communications, lower shipping costs, and a full-functioned environment for sending, receiving, distribution, and global printing.

COMPANY NAME: Moore Business Forms & Systems (610895)

DESCRIPTORS: Business Forms; Document Management; Form Generators; Print Utilities

REVISION DATE: 20010430

15/5/1

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.
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02600041 DOCUMENT TYPE: Company

Cyclades Corp (600041)

41829 Albrae St
Fremont, CA 94538 United States
TELEPHONE: (510) 770-9727
TOLL FREE TELEPHONE NUMBER: (888) 292-5233
FAX: (510) 770-0355
HOMEPAGE: <http://www.cyclades.com>
EMAIL: sales@cyclades.com

RECORD TYPE: Directory

CONTACT: Sales Department

ORGANIZATION TYPE: Corporation

EQUITY TYPE: Private

STATUS: Active

The business of Cyclades is remote access connectivity. With headquarters in Northern California, Cyclades Corporation **designs**, manufactures, and markets **networking** products for Linux. Cyclades' product line includes routers, access servers, **network** appliances, and intelligent multiport serial **cards**. They are **tailored** for applications in the **Internet** (ISP/POP and intranet) and corporate **networks**. Cyclades is the leader in multiport serial cards for Linux. Cyclades emphasizes the concepts of reliability, interoperability, ease of installation, and cost effectiveness. The firm's emphasized concepts have given Cyclades thousands of satisfied customers worldwide.

NUMBER OF EMPLOYEES: 106

SALES: NA

DATE FOUNDED: 1995

PERSONNEL: Lima, John, VP; Dalarosa, Daniel, VP; Farnkawn, Michael,
Marketing Director; Li, Doris, Sales Manager; Smith, Marcia, Product
Development; Cambronerio, Beltran, Technical Services

DESCRIPTORS: Communications Interfaces; Internetworking; Linux

REVISION DATE: 20020924

15/5/2

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.
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01703885 DOCUMENT TYPE: Product

PRODUCT NAME: BSDI e/BSD Embedded Development Kit 4.0.1 (703885)

Offmyserver Inc (522503)
1550 The Alameda #100
San Jose, CA 95126-0231 United States
TELEPHONE: (408) 843-4100

RECORD TYPE: Directory

CONTACT: Sales Department

BSDI e/BSD Embedded Development Kit 4.0.1 includes all-inclusive low-cost tools and services that speed products to market. It was designed for

developers and manufacturers of **network** appliances. The BEST program offers the e/BSD embedded systems product line and development environment based on the reliable and high-performance BSD/OS operating system. In addition, users receive tools, utilities, **network** applications, flexible **licensing**, engineering support, and **customized** consulting services that foster rapid development and accelerate time-to-market. Developers can save time **creating** value-added applications rather than reinventing base-level technologies. The embedded products allow developers to get low-cost source code to the robust and reliable operating system, rich development tools and an advanced and complete set of **networking** technologies. A large set of third-party products, as well as expert support and consulting services are offered. The e/BSD product line scales from small embedded systems, like settop boxes and small clients to large specialty servers, **making** it the ideal choice for developers of all types of **network** appliances. It is ideal for retail terminals, kiosks, **network** computers, firewalls, proxy servers, **Internet** access devices, routers, switches, Web accelerators, telephony servers, VPN servers, printers, fax servers, load-balancers for **Web sites**, and other clusterable systems.

DESCRIPTORS: Components; Embedded Systems; Operating Systems; Program Development; Thin Clients

HARDWARE: Thin Clients

OPERATING SYSTEM: UNIX BSD

PROGRAM LANGUAGES: Not Available

TYPE OF PRODUCT: Micro; Workstation

POTENTIAL USERS: Cross Industry

DATE OF RELEASE: 01/1997

PRICE: \$14,995; includes source code, prepaid target license, custom consulting and technical support

DOCUMENTATION AVAILABLE: Source code

TRAINING AVAILABLE: Technical support

REVISION DATE: 19990830

15/5/3

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.

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01134911 DOCUMENT TYPE: Product

PRODUCT NAME: FileStorm Standard & Pro (134911)

MindVision Software (488925)

5901 N 58th St

Lincoln, NE 68507-3249 United States

TELEPHONE: (402) 323-6600

RECORD TYPE: Directory

CONTACT: Sales Department

MindVision Software's FileStorm, offered in Standard and Pro editions, allows Macintosh OS X software developers to **create** customized disk image files quickly. The disk images can be employed in distributing software over the Web. Integrated CD burning features allow users to **create** CD-ROMs from disk images. The Standard edition of FileStorm supports the **creation** of compressed, read-only disk image files. The software includes password authentication and automated build features. FileStorm Pro lets developers **create** installers that employ Aqua user interface features. Installers can be **customized** with readme files, **licensing** agreements, and other content. FileStorm Pro also supports the installation of items and graphics; the display of readme, licensing, HTML, and movie content; and the execution of scripts. It handles customized icons and provides end

users with uninstall options. A demonstration version of FileStorm can be downloaded from the MindVision Software **Web site**.

DESCRIPTORS: CD-R; Electronic Publishing; Electronic Software Distribution
; Optical Discs; Program Development; Software Marketing

HARDWARE: Apple Macintosh
OPERATING SYSTEM: MacOS X
PROGRAM LANGUAGES: Not Available
TYPE OF PRODUCT: Micro
POTENTIAL USERS: Cross Industry, Macintosh Developers
PRICE: Available upon request; Internet demo available

REVISION DATE: 20030428

15/5/4

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
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01107107 DOCUMENT TYPE: Product

PRODUCT NAME: DVXcentives (107107)

Digital VoiceXchange (629014
2221 E Bijou St #10
Colorado Springs, CO 80909 United States
TELEPHONE: (719) 867-5100

RECORD TYPE: Directory

CONTACT: Sales Department

Digital VoiceXchange's DVXcentives provides wide a range of promotional and incentive calling card options. DVXcentives supports the **creation** of **personalized** calling **card** programs. The system provides Web-based management, recharging, voice mail, and international toll-free access. DVXcentives' Survey Calling Card program streamlines prospect surveying, allowing companies to easily measure customer satisfaction. End users are provided with an inactive long distance calling card that features company or product information. Customers call a toll-free number and complete a survey. At that point, the card is activated. DVXcentives lets companies qualify sales leads, gather survey data quickly, increase response rates, and **create** detailed and customized reports. The system also allows users to **create online** reports. DVXcentives' **OnLine** Minutes Web-Based Incentive Card, lets businesses offer long distance incentives to **Web site** visitors or to prospects who respond to e-mail queries.

DESCRIPTORS: Computer Telephony; Electronic Customer Service; **Internet**
Marketing; Survey Research; VoIP

HARDWARE: Hardware Independent
OPERATING SYSTEM: Open Systems
PROGRAM LANGUAGES: Not Available
TYPE OF PRODUCT: Mainframe; Mini; Micro; Workstation
POTENTIAL USERS: Web Sites, Survey Research, Cross Industry
PRICE: Available upon request

REVISION DATE: 021025

15/5/5

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
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01102237 DOCUMENT TYPE: Product

PRODUCT NAME: Stone Orchard (102237)

Stone Orchard Software (724165)
158 Cundles Rd E
Barrie, ON L4M 2Z9 Canada
TELEPHONE: (705) 725-2575

RECORD TYPE: Directory

CONTACT: Sales Department

Stone Orchard Software's Stone Orchard is a cemetery management system that is offered in the Hamlet, Garden, Manor, and Estates editions. Stone Orchard's Hamlet edition streamlines record-keeping, allowing users to manage owner, deceased, next-of-kin, clergy, funeral homes, interments, disinterments, interment sites, and transfers of rights information. Interment rights **certificates** can be **customized**. The Hamlet edition also includes reporting features. Stone Orchard's Garden edition targets community or religious organizations that manage small cemeteries without crematories. The software can **generate** certificates for the transfer of interment rights. Stone Orchard's Manor edition can customize invoices and **generate** receipts. The software prints certificates of cremation. A report **generator** can export data to accounting packages. Stone Orchard's Estates edition, targeting larger cemeteries with computer **networks**, allows multiple users to access data simultaneously. The software supports the **creation** of mailing lists. It also includes refund, credit, tax exemption, and security features. Stone Orchard includes cemetery mapping features.

DESCRIPTORS: Cemeteries; Mapping; Record Management; Service Industries

HARDWARE: IBM PC & Compatibles
OPERATING SYSTEM: Windows
PROGRAM LANGUAGES: Not Available
TYPE OF PRODUCT: Micro
POTENTIAL USERS: Cemeteries
PRICE: \$375

DOCUMENTATION AVAILABLE: Online documentation

TRAINING AVAILABLE: Technical support; support contracts available

REVISION DATE: 020822

15/5/6

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.

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01034444 DOCUMENT TYPE: Product

PRODUCT NAME: eRights Suite (034444)

eMeta Corp (695513)
81 Franklin St #500
New York, NY 10013 United States

RECORD TYPE: Directory

CONTACT: Sales Department

eRights Suite from eMeta is an information commerce tool designed to facilitate the sale of content over the **Internet**. eRights Suite offers providers with an information commerce framework that is based upon the content offering, the potential customer base, and the license. These three elements are independently defined, enabling the **creation** of multiple

custom content sets with **customized license** terms. eRights' flexible license definitions enable businesses to deploy multiple business models. It converts complex functions into simple point and click tasks, enabling products to be tested within the business system before they are offered to customers. eRights enables businesses to modify their target offerings to meet the requirements of different types of consumers without affecting their license terms. It enables revenue models for promotions, access terms, and product evaluations. eRights is a full featured system for the **online** sale of content that is designed to integrate Web servers, application services, content management, and financial systems. It is built upon an object-oriented architecture and Web-based interface.

DESCRIPTORS: Content Providers; **Digital** Certificates; **Digital** Rights Management; E-Commerce; Electronic Publishing; **Internet** Marketing; Publishing; Web Servers

HARDWARE: IBM PC & Compatibles; Pentium; Sun; UNIX
OPERATING SYSTEM: Solaris; Windows; Windows NT/2000; Windows XP
PROGRAM LANGUAGES: Java
TYPE OF PRODUCT: Mainframe; Mini; Micro; Workstation
POTENTIAL USERS: Publishing, E-Publishing
PRICE: Available upon request

OTHER REQUIREMENTS: TCP/IP network; 30MB+ disk space required
REVISION DATE: 20030527

15/5/7

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.
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01021512 DOCUMENT TYPE: Product

PRODUCT NAME: ScienceDirect Web (021512)

Elsevier Science (637777)
PO Box 945
New York, NY 10159-0945 United States
TELEPHONE: (212) 462-1978

RECORD TYPE: Directory

CONTACT: Sales Department

ScienceDirect's ScienceDirect Web is the Web edition of the ScienceDirect (R) family of content products. It offers science-related content and search software from ADONIS, Beilstein Information Systems, ScienceServer, and Engineering Information. ScienceDirect Web is primarily a current awareness service for organizations that already subscribe to Elsevier Science print publications. The service informs subscribers of new content; they can then browse journal lists, journal articles, and journal abstracts. Subscribers can view articles in PDF or HTML format. ScienceDirect Web offers entry-level navigation tools, which **make** it easy to train new users. The service's broad content coverage offers access to ScienceDirect abstracts and bibliographic content such as Ei Compendex, Beilstein Abstracts, BIOSIS Previews, BIOBASE from Elsevier, EconLit, and the ADONIS collections. Along with content, ScienceDirect Web offers several administrative and navigation tools suitable for library and intranet applications. These include ADONIS subscription and document delivery tools, the ScienceServer document manager for intranets, and the ScienceDirect OnSite **licensing** and **customization** tools.

DESCRIPTORS: Alerts; Colleges & Universities; Content Providers; Information Retrieval; **Internet** ; Intranets; Libraries; Pharmaceuticals; Research & Development; Science

HARDWARE: Hardware Independent
OPERATING SYSTEM: Open Systems
PROGRAM LANGUAGES: Not Available
TYPE OF PRODUCT: Mainframe; Mini; Micro; Workstation
POTENTIAL USERS: Science, Researchers, Universities, Special Libraries
PRICE: Available upon request

DOCUMENTATION AVAILABLE: Online documentation
SERVICES AVAILABLE: Reference database updates
REVISION DATE: 20021230

15/5/8

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
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00131977 DOCUMENT TYPE: Review

PRODUCT NAMES: TitleVision (056146)

TITLE: Digital Owl: A DRM company helps corporations manage their content

AUTHOR: Schwalb, Stefanie H

SOURCE: Internet World, p18(1) Jul 15, 2001

ISSN: 1097-8291

HOME PAGE: <http://www.iw.com>

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

Digital rights management (DRM) vendor DigitalOwl is a offering technology that manages content through many platforms, including intranets, syndication channels, and handheld devices. DigitalOwl 's distribution infrastructure, KineticEdge, allows publishers to package, license, and distribute customized content to end users. KineticEdge also provides monitoring for downloaded material. DigitalOwl 's TitleVision software allows users to create personalized information portals, which can forward licensed information to peer groups. With that, the company is focusing on building relationships with content distributors and end-users, not just publishers. DigitalOwl also is considering expanding its DRM services to encompass graphics, multimedia, and audio streaming management. The privately held company was formed in 1999 and has found \$13.1 in funding. DigitalOwl has formed partnerships with Aportis Technologies, iSyndicate.com, Kinkos.com, and others. Clients include Baker & Taylor, Independent Publishers Group I (IPG), and Keesing's Worldwide.

COMPANY NAME: DigitalOwl (688533)

DESCRIPTORS: Content Providers; Digital Rights Management; E-Commerce; Electronic Publishing; Portals; Publishing; Repurposing

REVISION DATE: 20010930

15/5/9

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
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00126816 DOCUMENT TYPE: Review

PRODUCT NAMES: Image Processing (830196)

TITLE: The Imaging Web: A Revolution in Hyper-Partnering and Vision...

AUTHOR: Eggleston, Peter

SOURCE: Advanced Imaging, v15 n9 p44(3) Sep 2000

ISSN: 1042-0711
HOMEPAGE: <http://www.advancedimagingmag.com>

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

Imaging systems are usually a collection of hardware and software from several component providers, with integrators using a **network** of technology and business partners to build end-to-end systems that meet customer needs. But, with the advent of business webs, there is now a new concept of hyper-partnering that lets even the smallest of companies form customized, vertical offerings, allowing them to **create** products and services with strangers, selling to customers they have never met, and doing it in minutes rather than months. This imaging **World Wide Web** revolution can take place for three reasons. One reason is that companies are no longer viewing themselves as product-providers only, but are realizing that customers **buy** solutions, and are shifting to providing services. The second reason involves the standards and protocols that let companies package their products and services as Web building blocks. The rise of the business Web exchanges is the third reason for enabling the imaging Web revolution. These exchanges offer always-available marketplaces for companies to search for, **license** and **customize** the building blocks, which can then be embedded into their sites.

COMPANY NAME: Vendor Independent (999999)
SPECIAL FEATURE: Screen Layouts
DESCRIPTORS: Image Processing; **Internet** ; Manufacturing; Software
Marketing
REVISION DATE: 20010228

15/5/10

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
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00124301 DOCUMENT TYPE: Review

PRODUCT NAMES: **Internet Traffic Analysis (840521)**

TITLE: **Under The Radar: Options for Counting Users at Small...**
AUTHOR: Hamm-Greenwalt, Lisa
SOURCE: Internet World, v6 n13 p30(3) Jul 1, 2000
ISSN: 1097-8291
HOMEPAGE: <http://www.iw.com>

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

Amazon.com and eBay can find out how much traffic they have in comparison to other large shopping sites just by looking at the rankings of Media Metrix or Nielsen/NetRatings. However, smaller, more targeted site may not **make** it to those data banks but still must measure traffic and figure out how to use the data. Choices abound, and some do not cost much. Some services that track visitors for Web businesses even offer more comprehensive information customized for each site. Even companies ranked by Media Metrix also use other measuring services to obtain the type of particularized information needed. According to an analyst for Jupiter Communications, the primary reason to collect as much information as possible about a **Web site** is to gain an understanding of return on investment. Sites that do not depend on advertising revenues also need to be able to measure the success rates of business strategies and guide the growth of the site. Media Metrix, Nielsen/NetRatings, and PC Data **Online** all put together data-rich databases of **Internet** and **digital** media

usage behavior patterns. Companies such as WebTrends, Personify, NetTracker, and SuperStats are **licensed** packaged that **generate customized** analyses of traffic to users' sites. Some of the products analyze log files and show information in an intuitive way. Another options is WebTrends Live, a subscription service, which is a good choice for companies that do not have staffers whose sole job is to analyze **Web site** analysis software's reports.

COMPANY NAME: Vendor Independent (999999)
DESCRIPTORS: **Internet** Marketing; **Internet** Traffic Analysis; Market Research; Search Engine Placement; Small Business; Webmasters
REVISION DATE: 20010330

15/5/11

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
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00123629 DOCUMENT TYPE: Review

PRODUCT NAMES: VoIP (837067); Government (830271)

TITLE: Call of the VoIP
AUTHOR: Radcliff, Deborah
SOURCE: Network World, v17 n10 p61(1) Mar 6, 2000
ISSN: 0887-7661
HOMEPAGE: <http://www.nwfusion.com>

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

The state of Alaska, which has determined that the **Internet** is the only effective way to provide government services to a population of 630,000 people, provides a Web mart that allows citizens to obtain most services **online**. For instance, users can view public notes, obtain public safety and criminal justice information, view prospecting maps, register cars, obtain **personalized license** plates, view job listings, and obtain game licenses. Alaska plans to go further, however, and will deploy a new IP-based **network** between a central administration building in Anchorage and 38 satellite offices. Within 18 months, Alaska will provide a single IP-based data and voice **network** that links all state offices. Alaska renovated its **network** in late 1998 in **order** to allow state employees to share data over a common backbone consisting of a redundant fiber backbone, Cisco 5509 switches, and 8540 core routers. The new IP **network** in Anchorage is Voice-over-IP (VoIP)-ready, but before VoIP can be implemented, Alaska has to figure out how to financially justify replacing an expensive Nortel **Networks** telephone and switching system with IP telephone boxes, software, and servers. Also briefly described are Alaska's reliability and scalability needs, which are substantial due to the geographical territory to be covered and the number of users to be supported.

COMPANY NAME: Vendor Independent (999999)
DESCRIPTORS: Government; Information Retrieval; **Internet** ; VoIP
REVISION DATE: 20011130

15/5/12

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
(c)2003 Info.Sources Inc. All rts. reserv.

00122007 DOCUMENT TYPE: Review

PRODUCT NAMES: iPrint.com (788171)

TITLE: Quick Printing Gets Quicker: Royal Farros' Online print shop shows...
AUTHOR: Desimone, Elizabeth
SOURCE: Upside, v115 p96(1) Nov 1999
ISSN: 1052-0341
HOME PAGE: <http://www.upside.com>

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

Royal Farros, founder of iPrint.com, provides an **online** print shop where users can **design** and **order** many types of printed items, from business **cards** to **personalized** golf balls, and have most items delivered within a week. iPrint.com realized \$1 million in 1998 selling such items, and **orders** are rising an average of 40 percent every month. However, within a few years, Farros expects as much as 50 percent of all revenue to come from licensing iPrint.com's iKiosk technology and hosting services to other printers or quick-print shops, such as Kinkos. iKiosk, a desktop publishing interface, allows customers to **order** and **design** printed materials. iPrint.com was the first **online** print shop but now has competition, including PrintOnTheNet. However, iPrint.com outsources print jobs, while PrintOnTheNet.com has its own printing facilities. A spokesperson for PrintOnTheNet.com says 'We own the manufacturing plants we use, which gives us much greater control over the quality, consistency, and timeliness we can deliver.' Farros, however, contends that iPrint.com can more quickly scale to the growing needs of customers by outsourcing, and that his two year technology jump **makes** iPrint.com more competitive. An analyst says that iPrint.com's licensing of software is a savvy competitive move and that the market can support more than one player.

COMPANY NAME: iPrint.com (674311)
DESCRIPTORS: Internet Marketing; Printing & Graphic Arts; Software Marketing
REVISION DATE: 20000430

15/5/13

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
(c)2003 Info.Sources Inc. All rts. reserv.

00121404 DOCUMENT TYPE: Review

PRODUCT NAMES: Company--Amazon.com Inc (865974)

TITLE: Amazon.com: More Than a Merchant: With its many investments and...
AUTHOR: Helft, Miguel
SOURCE: Industry Standard, v3n2 p78(4) Jan 24, 2000
ISSN: 1098-9196
HOME PAGE: <http://www.thestandard.com>

RECORD TYPE: Review
REVIEW TYPE: Company

Amazon.com's many investment and business partners are **making** the former books-only **online** retailer a behemoth-sized seller of books, toys, and electronics. Amazon has also invested in four huge new warehouses that represent, says CEO and founder Jeff Bezos, the 'fastest expansion in distribution capacity in peacetime history.' Amazon seems to ignore the basic tenets of retailing, which **makes** analysts wonder if Amazon should be classified as a retailer. Bezos calls Amazon.com a place where people can **buy** anything, but he also takes pride in the fact that analysts and writers cannot cubbyhole Amazon as simply an **online** retailer. Although retailing still rules, and Amazon had an astonishing \$16 million in sales

each day at the height of the holiday shopping season, Amazon is a different kind of retailer, with successful ways of leveraging its customer base, e-commerce savvy, and marketing clout to **create** new types of businesses. For instance, in the last year and a half, Amazon **acquired** ownership stakes of as much as 49 percent in six **online** retailers; the **acquisitions created** paper gains that could double in profits Amazon's accumulated \$559 million in losses, over five years. Amazon, although not a venture fund or a holding company, could have its greatest profit potential from the investments in Ashford.com, Della.com, Gear.com, HomeGrocer.com, Pets.com, and Drugstore.com. Amazon also has plans to **create** a **customized credit card**.

COMPANY NAME: Amazon.com Inc (646547)
SPECIAL FEATURE: Tables
DESCRIPTORS: Bookstores; **Internet** Marketing; Retailers
REVISION DATE: 20020703

15/5/14

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.
(c)2003 Info.Sources Inc. All rts. reserv.

00096919 DOCUMENT TYPE: Review

PRODUCT NAMES: Desktop Publishing (830001)

TITLE: Home-publishing newest success story
AUTHOR: Richards, Kathleen
SOURCE: Computer Retail Week, v146 p1(2) Sep 16, 1996
ISSN: 1066-7598
HOMEPAGE: <http://www.crw.com>

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

Publishing software is gaining in popularity due to the low costs of color-ink jet printers and the availability of content from greeting card manufacturers. More consumers are **creating** their own greeting cards with specialized desktop publishing software. The software is becoming easier to use; along with the widespread availability of related products, the market has exploded rapidly. Many home-publishing offerings include **digital** -image editing features. Some offer the ability to **create customized** greeting **cards** with **licensed** content, which can be delivered over the **Internet**.

COMPANY NAME: Vendor Independent (999999)
SPECIAL FEATURE: Screen Layouts
DESCRIPTORS: Desktop Publishing; Page Composition; Software Marketing
REVISION DATE: 20000630

15/5/15

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.
(c)2003 Info.Sources Inc. All rts. reserv.

00071654 DOCUMENT TYPE: Review

PRODUCT NAMES: FirstClass (365581)

TITLE: KPMG Turns to FirstClass Groupware
AUTHOR: Radosevich, Lynda
SOURCE: Computerworld, v28 n47 p58(1) Nov 21, 1994
ISSN: 0010-4841
HOMEPAGE: <http://www.computerworld.com>

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

This 'on-site' case study of a major accounting consultant's implementation of groupware technology provides a unique perspective. Despite an existing installation of Lotus Notes, the firm selected SoftArc's FirstClass client/server system as a front end for this 17,000-user system. One key feature of this massive implementation is the capability for remote database access between PC and Macintosh clients. Designers cited lack of code portability as one basis for the rejection of Notes in this particular project. System costs are approximately \$10 per client **license**. The **customized** system is credited with the company's successful **acquisition** of a major contract due to sheer speed of their bid development.

COMPANY NAME: Centrinity Inc (524395)
DESCRIPTORS: Accountants; Apple Macintosh; Client/server; Front Ends;
Groupware; IBM PC & Compatibles; MacOS; **Network** Software;
Notes/Domino
REVISION DATE: 20020819
?

File 344:Chinese Patents Abs Aug 1985-2003/Mar
 (c) 2003 European Patent Office
 File 347:JAPIO Oct 1976-2003/Apr(Updated 030804)
 (c) 2003 JPO & JAPIO
 File 350:Derwent WPIX 1963-2003/UD,UM &UP=200352
 (c) 2003 Thomson Derwent
 File 348:EUROPEAN PATENTS 1978-2003/Jul W03
 (c) 2003 European Patent Office
 File 349:PCT FULLTEXT 1979-2002/UB=20030807,UT=20030731
 (c) 2003 WIPO/Univentio

?ds

Set	Items	Description
S1	4	AU='VRAIN B':AU='VRAJESH'
S2	2	S1 AND IDENTIF?

2/3,K/1 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

014196461 **Image available**
WPI Acc No: 2002-017158/200202
XRPX Acc No: N02-013797

Identification document generating and ordering system using Internet,
provides facsimile of draft identification document to user and
receives job acceptance signal from user

Patent Assignee: VRAIN K C S (VRAI-I)

Inventor: VRAIN K C S

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20010037309	A1	20011101	US 2000179355	A	20000131	200202 B
			US 2001774762	A	20010131	

Priority Applications (No Type Date): US 2000179355 P 20000131; US
2001774762 A 20010131

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20010037309	A1		24	G06F-017/60	Provisional application US 2000179355

Identification document generating and ordering system using Internet,
provides facsimile of draft identification document to user and
receives job acceptance signal from user

Inventor: VRAIN K C S

Abstract (Basic):

... A service bureau (112) retrieves demographic data, graphical
representation and **identification** document design data from databases
(120,122) in response to the paid-in-full and user verification signals
from modules (110,126) and produces a draft **identification** document.
A module (124) transmits a facsimile of the document to the user over a

... An INDEPENDENT CLAIM is also included for customized
identification document ordering method...

...For generating and ordering an **identification** document such as
identification cards, badges or larger documents such as passport over
a network such as Internet for...

...relating to the age or birth date of the user is not printed on the
identification document, thus the illegitimate users attempting to
obtain the documents are avoided. Regular **identification** badge stock
is used and the type of stock is not typically preprinted and is
cheaper than preprint **identification** badge stock. The cost of the
document is reduced and the service bureau automatically generates...

...The figure shows the block diagram of **identification** document
specification and production system...

... **Identification** document design data database (122)

Title Terms: IDENTIFY ;

2/3,K/2 (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00994211

NOVEL STABLE CRYSTAL FORM OF N-TRANS-4-ISOPROPYLCYCLOHEXYL
CARBONYL)-D-PHENYLALANINE AND PROCESS OF PREPARATION
NOUVELLE FORME DE CRISTAL STABLE DE N-(TRANS-4-ISOPROPYLCYCLOHEXYL

CARBONYL)-D-PHENYLALANINE ET PROCEDE DE PREPARATION CORRESPONDANT

Patent Applicant/Assignee:

ALEMBIC LIMITED, Alembic Road, Vadodara 390 003, Gujarat, IN, IN
(Residence), IN (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

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Gujarat, IN, IN (Residence), IN (Nationality), (Designated only for: US)

Legal Representative:

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003, Gujarat; IN,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200322251 A1 20030320 (WO 0322251)

Application: WO 2001IB2080 20011105 (PCT/WO IB0102080)

Priority Application: IN 2001871 20010912; IN 2001872 20010912

Designated States: AE AG AL AU BA BB BG BR BZ CA CN CO CR CU CZ DM DZ EC EE

ES GD GE HR HU ID IL IS JP KP KR LC LK LR LT LV MA MG MK MN MX NO NZ PH

PL RO SG SI SK TT UA US UZ VN YU ZA

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 2199

Patent Applicant/Inventor:

SHAH **Vrajesh** ,

Fulltext Availability:

Detailed Description

Detailed Description

... ray diffraction pattern and

the infra-red absorption spectrum were measured and the crystals were

identified as "AL-type", and ...X-ray diffraction pattern and the
infra-red absorption spectrum enabled the crystals to be **identified** as
"AL-type".

Identifiers--KeyWord Plus(R): EDUCATIONAL OUTREACH; PRACTICE GUIDELINES;
FEEDBACK; PROGRAM

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14/5/37 (Item 6 from file: 34)

DIALOG(R)File 34:SciSearch(R) Cited Ref Sci
(c) 2003 Inst for Sci Info. All rts. reserv.

06690278 Genuine Article#: ZK763 Number of References: 11

Title: Dynamic catalogues on the WWW

Author(s): Milosavljevic M (REPRINT) ; Oberlander J

Corporate Source: MACQUARIE UNIV,SCH MATH PHYS COMP & ELECT, MICROSOFT RES
INST, LANGUAGE TECHNOL GRP/N RYDE/NSW 2109/AUSTRALIA/ (REPRINT); UNIV
EDINBURGH,HUMAN COMMUN RES CTR/EDINBURGH EH8 9LW/MIDLOTHIAN/SCOTLAND/
Journal: COMPUTER NETWORKS AND ISDN SYSTEMS, 1998, V30, N1-7 (APR), P
666-668

ISSN: 0169-7552 Publication date: 19980400

Publisher: ELSEVIER SCIENCE BV, PO BOX 211, 1000 AE AMSTERDAM, NETHERLANDS

Language: English Document Type: ARTICLE

Geographic Location: AUSTRALIA; SCOTLAND

Subfile: CC ENGI--Current Contents, Engineering, Computing & Technology;

Journal Subject Category: TELECOMMUNICATIONS; ENGINEERING, ELECTRICAL &
ELECTRONIC; COMPUTER SCIENCE, INFORMATION SYSTEMS

Abstract: Electronic catalogues are here to stay; however, static WWW
documents will not aid the user in finding what she is looking for. We
argue for the use of natural language **generation** techniques to
dynamically **produce** hypertext documents on the WWW, resulting in
what we call DYNAMIC HYPERTEXT. A dynamic hypertext **document** can be
tailored mon precisely to a particular user's needs and background,
thus helping the user to search more effectively. We describe the
automatic **generation** of WWW documents and illustrate with two
implemented systems. (C) 1998 Published by Elsevier Science B.V. All
rights reserved.

Descriptors--Author Keywords: natural language **generation** ; adaptive
hypertext ; dynamic hypertext ; human-computer interaction ; user
modelling

Cited References:

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MILOSAVLJEVIC M, 1996, P 19 AUSTR COMP SCI
MILOSAVLJEVIC M, 1997, P 6 INT C US MOD SAR
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PARIS CL, 1987, THESIS COLUMBIA U

14/5/38 (Item 7 from file: 34)

DIALOG(R)File 34:SciSearch(R) Cited Ref Sci
(c) 2003 Inst for Sci Info. All rts. reserv.

04578694 Genuine Article#: TU860 Number of References: 11

Title: MAKING SGML WORK - INTRODUCING SGML INTO AN ENTERPRISE AND USING ITS POSSIBILITIES IN ADVANCED APPLICATIONS

Author(s): RATH HH; WIEDLING HP

Corporate Source: COMP GRAPH CTR ZGDV/D-64283 DARMSTADT//GERMANY/

Journal: COMPUTER STANDARDS & INTERFACES, 1996, V18, N1 (JAN), P37-53

ISSN: 0920-5489

Language: ENGLISH Document Type: ARTICLE

Geographic Location: GERMANY

Subfile: SciSearch

Journal Subject Category: COMPUTER SCIENCE, HARDWARE & ARCHITECTURE;
COMPUTER SCIENCE, SOFTWARE, GRAPHICS, PROGRAMMING

Abstract: Nowadays more and more companies are evolving into worldwide operating enterprises embedded in interdependent **networks** of communication; information exchange and product manufacturing. An up-to-date enterprise is spread over several sites with distributed subsidiaries for administration, product launches and manufacturing. At the same time internationalization is combined with a strong need for efficient information exchange in an open system environment. Information management and dissemination is becoming a key issue to success in every phase of the product life cycle. Any solution must take all these developments into account. With SGML-based documents and tools a flexible approach can be made towards open system independent document management with re-usable portions of information. In this paper different aspects are described: the steps required to set up an SGML-based application are introduced, ideas and the benefits of Literate Programming to SGML applications are explained, database functionality in distributed environments is presented, and document exchange and hypermedia documents are considered.

Descriptors--Author Keywords: DOCUMENT ANALYSIS AND STRUCTURING ;
TAILORED SGML APPLICATIONS ; LITERATURE PROGRAMMING ; DOCUMENT
EXCHANGE ; JOINT EDITING ; COMBINED TEXT AND GRAPHICS TAGGING ; **WORLD
WIDE WEB** ; HYTIME

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14/5/39 (Item 8 from file: 34)

DIALOG(R)File 34:SciSearch(R) Cited Ref Sci
(c) 2003 Inst for Sci Info. All rts. reserv.

04527508 Genuine Article#: TK326 Number of References: 4

Title: HTML TO THE MAX - A MANIFESTO FOR ADDING SGML INTELLIGENCE TO THE WORLD - WIDE - WEB

Author(s): SPERBERGMCQUEEN CM; GOLDSTEIN RF

Corporate Source: UNIV ILLINOIS, CTR COMP MC135/CHICAGO//IL/60612

Journal: COMPUTER NETWORKS AND ISDN SYSTEMS, 1995, V28, N1-2 (DEC), P3-11
ISSN: 0169-7552

Language: ENGLISH Document Type: ARTICLE

Geographic Location: USA

Subfile: SciSearch; CC ENGI--Current Contents, Engineering, Technology & Applied Sciences

Journal Subject Category: TELECOMMUNICATIONS; ENGINEERING, ELECTRICAL & ELECTRONIC; COMPUTER SCIENCE, INFORMATION SYSTEMS

Abstract: HTML demonstrates that SGML markup is useful for **networked** information. How can it be made even more useful? One way is to extend the tag set from HTML to HTML2, etc. We argue here for a more radical approach: full SGML awareness in **WWW**. We believe the difficulties are small, the cost affordable, and the advantages overwhelming.

SGML is a metalanguage for defining markup languages; HTML is just one instance of this infinite family. At present, documents in other SGML document types must be translated into HTML for display by a Mosaic client-sometimes this imposes unacceptable information loss.

WWW browsers could handle other SGML document types without translation by launching a general-purpose SGML browser to view them, as they now launch graphics viewers; a better solution overall would be to build SGML display into the **WWW** browsers themselves. Either way, display of an SGML document would be controlled by a style sheet using a small number of display primitives ('bold', 'line break', etc.) to specify the rendition of each element type. For 'well-known' document type definitions (DTDs) like HTML, style sheets could be distributed with the browser, or built in. For other DTDs, the browser would fetch a style sheet from the server. Using style sheets, browser software can also **make** it easy to **customize** document display.

DTDs and style sheets can be designed to accommodate extensions, ensuring that authors can **make** small extensions to the tag set with no change whatsoever in the target browsers and virtually no performance penalty.

Descriptors--Author Keywords: SGML ON THE **WORLD - WIDE WEB** ; HTML ; **WWW** ; STYLE SHEETS

Cited References:

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BERNERSLEE T, 1994, HYPERTEXT MARKUP LAN

SCHATZ BR, 1994, V265, P895, SCIENCE

SPERBERGMCQUEEN CM, 1994, GUIDELINES ELECTRONI

14/5/40 (Item 9 from file: 34)

DIALOG(R)File 34:SciSearch(R) Cited Ref Sci

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04516655 Genuine Article#: TJ620 Number of References: 37

Title: HYPERMEDIA EXPLORATION WITH INTERACTIVE DYNAMIC MAPS

Author(s): ZIZI M; BEAUDOUINLAFON M

Corporate Source: UNIV PARIS 11, RECH INFORMAT LAB, CNRS, URA 410, BATIMENT 490/F-91405 ORSAY//FRANCE/

Journal: INTERNATIONAL JOURNAL OF HUMAN-COMPUTER STUDIES, 1995, V43, N3 (SEP), P441-464

ISSN: 1071-5819

Language: ENGLISH Document Type: ARTICLE

Geographic Location: FRANCE

Subfile: SocSearch; SciSearch; CC ENGI--Current Contents, Engineering,

14/5/41 (Item 10 from file: 34)
DIALOG(R) File 34:SciSearch(R) Cited Ref Sci
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03505635 Genuine Article#: PH887 Number of References: 24
Title: AUTOMATED LEARNING OF DECISION RULES FOR TEXT CATEGORIZATION
Author(s): APTE C; DAMERAU F; WEISS SM
Corporate Source: IBM CORP,DIV RES,TJ WATSON RES CTR/YORKTOWN HTS//NY/10598
; RUTGERS STATE UNIV,DEPT COMP SCI/NEW BRUNSWICK//NJ/08903
Journal: ACM TRANSACTIONS ON INFORMATION SYSTEMS, 1994, V12, N3 (JUL), P
233-251
ISSN: 1046-8188
Language: ENGLISH Document Type: ARTICLE
Geographic Location: USA
Subfile: SciSearch; CC ENGI--Current Contents, Engineering, Technology &
Applied Sciences
Journal Subject Category: COMPUTER SCIENCE, INFORMATION SYSTEMS
Abstract: We describe the results of extensive experiments using optimized
rule-based induction methods on large document collections. The goal
of these methods is to discover automatically classification patterns
that can be used for general **document** categorization or **personalized**
filtering of free text. Previous reports indicate that
human-engineered rule-based systems, requiring many man-years of
developmental efforts, have been successfully built to 'read'
documents and assign topics to them. We show that machine- **generated**
decision rules appear comparable to human performance, while using the
identical rule-based representation. In comparison with other
machine-learning techniques, results on a key benchmark from the
Reuters collection show a large gain in performance, from a previously
reported 67% recall/precision breakeven point to 80.5%. In the context
of a very high-dimensional feature space, several methodological
alternatives are examined, including universal versus local
dictionaries, and binary versus frequency-related features.
Descriptors--Author Keywords: EXPERIMENTATION ; MEASUREMENT ; PERFORMANCE
Research Fronts: 92-3138 002 (MACHINE LEARNING ALGORITHMS; INDUCTION OF
SCHEDULING KNOWLEDGE; INDUCING DIAGNOSTIC RULES; EXPERT SYSTEM)
92-2827 001 (VEHICLE SCHEDULING PROBLEM; HEURISTIC ALGORITHMS; TIME
WINDOWS; CAPACITY PLANNING; COMPUTER-COMMUNICATION **NETWORKS** ; SERVICE
INDUSTRY; APPROXIMATE MODEL)

*18/5/1 (Item 1 from file: 8)
DIALOG(R)File 8:Ei Compendex(R)
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06091501 E.I. No: EIP02287015513

Title: Connexions: DSP education for a networked world

Author: Baraniuk, R.G.; Burrus, C.S.; Hendricks, B.M.; Henry, G.L.; Hero III, A.O.; Johnson, D.H.; Jones, D.L.; Kusuma, J.; Nowak, R.D.; Odegard, J.E.; Potter, L.C.; Ramchandran, K.; Reedstrom, R.J.; Schniter, P.; Selesnick, I.W.; et al.

Conference Title: 2002 IEEE International Conference on Acoustic, Speech, and Signal Processing

Conference Location: Orlando, FL, United States Conference Date: 20020513-20020517

Sponsor: IEEE

E.I. Conference No.: 59257

Source: ICASSP, IEEE International Conference on Acoustics, Speech and Signal Processing - Proceedings v 4 2002. p IV/4144-IV/4147 (IEEE cat n 02ch37334)

Publication Year: 2002

CODEN: IPRODJ ISSN: 0736-7791

Language: English

Document Type: CA; (Conference Article) Treatment: A; (Applications); T; (Theoretical)

Journal Announcement: 0207W3

Abstract: Connexions is a new approach to authoring, teaching, and learning that aims to fully exploit modern information technology. Available free of charge to anyone under open-content and open-source licenses, Connexions offers custom-tailored, current course material, is adaptable to a wide range of learning styles, and encourages students to explore the links among courses and disciplines. In contrast to the traditional process of textbook writing and publishing, Connexions fosters world-wide, cross-institution communities of authors, instructors, and students, who collaboratively and dynamically fashion "modules" from which courses are constructed. We believe the ideas and philosophy embodied by Connexions have the potential to change the very nature of textbook writing and publishing, producing a dynamic, interconnected educational environment that is pedagogically sound, both time and cost efficient, and fun. This paper overviews the philosophy and technology behind Connexions and describes a nascent community developing material for DSP education. 4 Refs.

Descriptors: Digital signal processing; Education; Teaching; Learning systems; Information technology; Mathematical models; World Wide Web

Identifiers: Connexions; Interconnected educational environment

Classification Codes:

723.2 (Data Processing); 901.2 (Education); 723.5 (Computer Applications); 921.6 (Numerical Methods)

723 (Computer Software, Data Handling & Applications); 901 (Engineering Profession); 921 (Applied Mathematics)

72 (COMPUTERS & DATA PROCESSING); 90 (ENGINEERING, GENERAL); 92 (ENGINEERING MATHEMATICS)

18/5/2 (Item 2 from file: 8)
DIALOG(R)File 8:Ei Compendex(R)
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06015905 E.I. No: EIP02106878906

Title: Model based signal characterisation for long-term personal monitoring

Author: Paoletti, M.; Marchesi, C.

Corporate Source: BIM Lab. DSI Dept. of Systems and Comp. Science, 50139 Firenze, Italy

Conference Title: Computer in Cardiology 2001

Conference Location: Rotterdam, Netherlands Conference Date:

20010923-20010926

E.I. Conference No.: 59033

Source: Computers in Cardiology 2001. p 413-416 (IEEE cat n 01CH37287)

Publication Year: 2001

CODEN: COCADX ISSN: 0276-6574

Language: English

Document Type: CA; (Conference Article) Treatment: A; (Applications); T; (Theoretical); X; (Experimental)

Journal Announcement: 0203W2

Abstract: This paper presents a prototype of a portable unit for automatic **on - line** monitoring and analysis of the ECG, used as a pilot study of a wider, advanced project, whose rational has the following guidelines. According to the largely recognised trend toward the achievement of a tight physician to patient co-operation, this project has been conceived both to alleviate physician from visits due to false alarms and to allow the educated patient to report accurately his symptoms. Such a piece of equipment should perform accurate analysis of **on - line** signals and **generate** dependable alarms. It is based on a pocket-size (PC-104) computer, running full Windows-95 OS, and three subsystems carried out in our lab (A/D converter, LCD with control buttons, smart **card** for system **personalization**). This choice has the unique advantage of compatibility with available algorithms and portability of standard applications. Moreover the number of active system channels will be easy to expand or reduce according to patient needs left bracket 3 right bracket . 4 Refs.

Descriptors: *Electrocardiography; Patient monitoring; Signal processing; Algorithms; Personal computers; Computer operating systems; Computer software; Optimization; Mathematical models; Waveform analysis; Statistical methods; Smart cards

Identifiers: Model based signal characterization; **On - line** monitoring; Pocket-size computer

Classification Codes:

461.6 (Medicine); 701.1 (Electricity, Basic Concepts & Phenomena);

723.5 (Computer Applications); 723.1 (Computer Programming); 921.5

(Optimization Techniques); 922.2 (Mathematical Statistics)

461 (Bioengineering); 701 (Electricity & Magnetism); 723 (Computer Software, Data Handling & Applications); 921 (Applied Mathematics); 922 (Statistical Methods)

46 (BIOENGINEERING); 70 (ELECTRICAL ENGINEERING, GENERAL); 72 (COMPUTERS & DATA PROCESSING); 92 (ENGINEERING MATHEMATICS)

18/5/3 (Item 3 from file: 8)

DIALOG(R) File 8: Ei Compendex(R)

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05006430 E.I. No: EIP98054184040

Title: PC-based workstation for real-time acquisition , processing, and display of electromyogram signals

Author: Clancy, Edward A.

Source: Biomedical Instrumentation & Technology v 32 n 2 Mar-Apr 1998. p 123-134

Publication Year: 1998

CODEN: BITYE2 ISSN: 0899-8205

Language: English

Document Type: JA; (Journal Article) Treatment: A; (Applications); T; (Theoretical)

Journal Announcement: 9807W1

Abstract: Although advanced electromyogram (EMG) amplitude estimators have been researched for many years, these advanced techniques have not been transferred into the routine application of real-time EMG in research settings. One reason for the limited technology transfer may be that the advanced processors have not been generally available; rather, they have been built-in hardware implementations that are unique to the developer. This paper describes a method for **making** such advanced techniques more

accessible to real-time research investigations by placing the novel algorithms in software on a general-purpose PC and utilizing off-the-shelf software components, where possible. A PC-based workstation for **acquiring**, processing, and displaying multiple channels of the EMG waveform and for providing real-time estimation of the EMG amplitude (as well as other processed values) is described. The workstation comprises EMG sensors (electrode-amplifiers), hardware signal conditioning, a PC with A/C **card**, and **customized** analysis software. A description of the workstation, as well as an application example, is given. (Author abstract) 18 Refs.

Descriptors: Electromyography; **Digital** signal processing; Spurious signal noise; Real time systems; Computer workstations; Personal computers; Algorithms; Waveform analysis; Computer software; Computer hardware

Identifiers: Real time **acquisition**; Electromyogram signals

Classification Codes:

461.6 (Medicine); 722.4 (Digital Computers & Systems); 701.1 (Electricity: Basic Concepts & Phenomena); 723.5 (Computer Applications); 921.6 (Numerical Methods)

461 (Biotechnology); 722 (Computer Hardware); 701 (Electricity & Magnetism); 723 (Computer Software); 921 (Applied Mathematics)

46 (BIOENGINEERING); 72 (COMPUTERS & DATA PROCESSING); 70 (ELECTRICAL ENGINEERING); 92 (ENGINEERING MATHEMATICS)

18/5/4 (Item 4 from file: 8)

DIALOG(R)File 8: Ei Compendex(R)

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04872209 E.I. No: EIP97113930547

Title: New generation of parameterized and extensible DSP cores

Author: Nurmi, J.; Takala, J.

Corporate Source: VLSI Solution Oy, Tampere, Finl

Conference Title: Proceedings of the 1997 IEEE Workshop on Signal Processing Systems, SiPS 97: Design and Implementation

Conference Location: Leicester, UK **Conference Date:** 19971103-19971105

Sponsor: IEEE

E.I. Conference No.: 47286

Source: IEEE Workshop on Signal Processing Systems, SiPS: Design and Implementation 1997. IEEE, Piscataway, NJ, USA. p 320-329

Publication Year: 1997

CODEN: 002716

Language: English

Document Type: CA; (Conference Article) **Treatment:** T; (Theoretical)

Journal Announcement: 9801W2

Abstract: Traditional DSP cores based on off-the-shelf processors do not provide any possibilities to configure the core itself. This has been addressed by **licensable**, **customizable** cores. This paper introduces a new **generation** of parameterized and extensible DSP cores. The VS DSP core features can be tailored to the application by changing the parameters. Furthermore, there are several extension mechanisms incorporated to the architecture, enabling the exploration of hardware-software tradeoffs in core based ASIC **design**. (Author abstract) 9 Refs.

Descriptors: **Digital** signal processing; Application specific integrated circuits; Computer architecture

Identifiers: Extensible **digital** signal processing cores

Classification Codes:

716.1 (Information & Communication Theory); 722.4 (Digital Computers & Systems); 723.2 (Data Processing); 714.2 (Semiconductor Devices & Integrated Circuits)

716 (Radar, Radio & TV Electronic Equipment); 722 (Computer Hardware); 723 (Computer Software); 714 (Electronic Components)

71 (ELECTRONICS & COMMUNICATIONS); 72 (COMPUTERS & DATA PROCESSING)

18/5/5 (Item 5 from file: 8)

DIALOG(R)File 8: Ei Compendex(R)

04384492 E.I. No: EIP96043141964

Title: Service creation environment for intelligent networks

Author: Genette, M.

Corporate Source: Alcatel ETB, Namur, Belgium

Source: Alcatel Telecommunications Review n 1st Quarter 1996. p 30-36

Publication Year: 1996

CODEN: ATREFX **ISSN:** 1242-0565

Language: English

Document Type: JA; (Journal Article) **Treatment:** A; (Applications)

Journal Announcement: 9606W3

Abstract: Service **Creation** Environment is a powerful tool to rapidly **create**, develop and modify services, using a library of independent building blocks. This paper describes the Alcatel 1423 Service **Creation** Environment. It reviews the concept of service customization and **creation** and describes the different tools used in the environment and their underlying principles. It shows how these tools **make** it possible to **create** new services or modify existing services in lead times of approximately six months. Concrete examples are presented by way of illustration.

Descriptors: Intelligent **networks**; Telecommunication services; Computer software; Voice/data communication systems; Information management; User interfaces; Management; Object oriented programming; Costs

Identifiers: Service **creation** environment; Service **customization**; Free phone; Credit **card** calling; Service management point; Service independent building blocks

Classification Codes:

716.1 (Information & Communication Theory); 723.1 (Computer Programming); 722.3 (Data Communication, Equipment & Techniques); 903.2 (Information Dissemination); 722.2 (Computer Peripheral Equipment); 912.2 (Management)

716 (Radar, Radio & TV Electronic Equipment); 723 (Computer Software); 722 (Computer Hardware); 903 (Information Science); 912 (Industrial Engineering & Management)

71 (ELECTRONICS & COMMUNICATIONS); 72 (COMPUTERS & DATA PROCESSING); 90 (GENERAL ENGINEERING); 91 (ENGINEERING MANAGEMENT)

18/5/6 (Item 6 from file: 8)

DIALOG(R) File 8: Ei Compendex(R)

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02163801 E.I. Monthly No: EI8701001867

Title: SOLVING THE BEST PROBLEM IN SCSI DISK DRIVES.

Author: Anon

Source: Electronics v 59 n 7 Feb 17 1986 p 35-37

Publication Year: 1986

CODEN: ELECEH

Language: ENGLISH

Document Type: JA; (Journal Article) **Treatment:** A; (Applications)

Journal Announcement: 8701

Abstract: The Small Computer System Interface (SCSI) protocol may have given computer makers an easier way to add a disk drive to their products, but it also **created** a whole new set of testing problems. A thorough test of the data flow through the interface with the computer requires breaking into the data path at the interface of the analog and **digital** signals, which is difficult because both signal types must be tested simultaneously. The FS6000 tester from the Milpitas, Calif. , company is described that uses signal-pickup card, data-margining card, and tester control card. The signal-pickup **card** is **customized** to match the physical layout and logic levels of the drive model that is to be tested. It typically mates directly to a test connector on the drive and contains only signal buffers. The data-margining card is the actual test element. It contains an arbiter circuit, fixed clock-delay circuit, and two programmable data-delay

circuits - all of which check the drive's phase margin. Additional circuitry calibrates the programmable delays and checks the amplitude margin. Using the drive interface, the tester control card issues such commands as seek, write, and read. It also controls such test functions as margin testing with the data-margining card, data-error detector, logger, and various timing measurements.

Descriptors: *COMPUTER INTERFACES--*Testing; DATA STORAGE, MAGNETIC--Disk ; ELECTRIC DRIVE--Testing

Identifiers: SIGNAL-PICKUP; DATA-MARGINING CARD; WRITE AND READ CONTROL

Classification Codes:

722 (Computer Hardware); 723 (Computer Software); 705 (Electric Generators & Motors)

72 (COMPUTERS & DATA PROCESSING); 70 (ELECTRICAL ENGINEERING)

18/5/7 (Item 7 from file: 8)

DIALOG(R)File 8: Ei Compendex(R)

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02032796 E.I. Monthly No: EI8610094213 E.I. Yearly No: EI86026222

Title: MODIAC MULTIPROCESSOR - A 286-BASED DESIGN .

Author: Neri, Giovanni; Cinotti, Tullio Salmon

Corporate Source: Univ degli Studi di Bologna, Italy

Source: IEEE Micro v 6 n 1 Feb 1986 p 7-15

Publication Year: 1986

CODEN: IEMIDZ ISSN: 0272-1732

Language: ENGLISH

Document Type: JA; (Journal Article) Treatment: A; (Applications); G; (General Review)

Journal Announcement: 8610

Abstract: Modiac is a multiprocessor system for control applications based on an advanced bus structure called M3. The authors discuss how the Modiac CPU board was designed to work on the M3 bus. The Modiac CPU board, based on the Intel 80286 microprocessor, is double-Eurocard in size and features dual bus control, 64K bytes of dual-ported RAM, 128K bytes of EPROM, an 80287 mathematics coprocessor, an RS-232 serial line, an RS-422 serial line, software-programmable registers for **card customization**, and optional system protection at both the memory and I/O level. The characteristics and behavior of M3 are described, as is the implementation of the board. The authors conclude with several observations about the performance of 80286-based processor on a multiplexed bus. 16 refs.

Descriptors: CONTROL SYSTEMS--*Computer Applications; COMPUTER SYSTEMS, DIGITAL --Multiprocessing; COMPUTER ARCHITECTURE; COMPUTERS, MICROCOMPUTER; COMPUTER PERIPHERAL EQUIPMENT

Identifiers: MODIAC CPU BOARD; INTEL 80286 MICROPROCESSOR; OPTICAL SYSTEMS PROJECTION; 80286-BASED PROCESSOR; MULTIPLEXED BUS M3

Classification Codes:

731 (Automatic Control Principles); 722 (Computer Hardware); 723 (Computer Software); 721 (Computer Circuits & Logic Elements)

73 (CONTROL ENGINEERING); 72 (COMPUTERS & DATA PROCESSING)

18/5/8 (Item 1 from file: 94)

DIALOG(R)File 94: JICST-EPlus

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04900824 JICST ACCESSION NUMBER: 01A0391644 FILE SEGMENT: JICST-E

Fuji Xerox Information Technology. Introduction of PKI Technology and Xnet

CA System. Infrastructure for Extranet System.

INADA RYU (1); KUROSAKI MASATO (1); UDAGAWA MAKOTO (1)

(1) Fujizerokkusu Soryushonkaise

Fuji Xerox Tech Rep, 2000, NO.13, PAGE.29-37, FIG.8, TBL.3, REF.5

JOURNAL NUMBER: X0247AAU ISSN NO: 0912-0424

UNIVERSAL DECIMAL CLASSIFICATION: 681.3.02-759 681.3:654

LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan

DOCUMENT TYPE: Journal

ARTICLE TYPE: Original paper

MEDIA TYPE: Printed Publication

ABSTRACT: In this article, we discuss the trends, feasibility issues, law-related issues and technical development for PKI technology at Fuji Xerox. PKI technology stands for Public Key Infrastructure and as such can be considered in two parts, public key cryptography technology and the infrastructure on which it runs. PKI is quickly becoming an indispensable part of the **Internet** as a means of insuring safe data transmission and personal identification. Many Web servers and Web browsers now support PKI capabilities. In recent years, laws for supporting PKI have been passed and it is becoming the basic enabling technology for the concept of an electronic government. With the goals of improving the safety of B2B information sharing systems, Xnet utilizes the public key certificates commonly used in EC applications such as Web banking and applies them to a document environment making possible the limitation of document publication, **digital** signatures and encrypted mail. The system consists of infrastructure software and application services. A certificate authority or a CA, needed to **create** a PKI, is provided as part of the infrastructure software. This CA is characterized by its ability to not only **create** site certificates to certify **Web sites** and personal certificates for personal identification, but also by its ability to **create** different types of (non-conventional) certificates according to need, such as personal certificates for clients and **certificates** for business programs. **Customization** of PKI vendor products is generally impossible or extremely costly in terms of effort. However by using our own PKI technology, we have realized a B2B system which is not constrained by PKI vendor security policies. The Xnet system has already been put to use for information sharing between our group companies and our customers. (author abst.)

DESCRIPTORS: **internet** ; **WWW** (communication); electronic mail; computer security; public key cryptography; data protection; **digital** signature ; authentication

BROADER DESCRIPTORS: computer **network** ; communication **network** ; information **network** ; **network** ; information system; computer application system; system; telecommunication; security; guarantee; cryptogram; protection

CLASSIFICATION CODE(S): JD01020V; JC03000K

18/5/9 (Item 1 from file: 34)

DIALOG(R)File 34:SciSearch(R) Cited Ref Sci

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10676698 Genuine Article#: 555YP Number of References: 5

Title: **Testing ethernet networks for the ATLAS data collection system**

Author(s): Barnes FRM (REPRINT) ; Beuran R; Dobinson RW; LeVine MJ; Martin B; Lokier J; Meirosu C

Corporate Source: Univ Kent, Canterbury CT2 7NZ/Kent/England/ (REPRINT);

Univ Kent, Canterbury CT2 7NZ/Kent/England/; CERN, CH-1211

Geneva//Switzerland/; Univ Bucharest, Bucharest 77206//Romania/; Degree

2 Ltd, Bristol BS1 6EA/Avon/England/

Journal: IEEE TRANSACTIONS ON NUCLEAR SCIENCE, 2002, V49, N2, 1 (APR), P 516-520

ISSN: 0018-9499 Publication date: 20020400

Publisher: IEEE-INST ELECTRICAL ELECTRONICS ENGINEERS INC, 345 E 47TH ST, NEW YORK, NY 10017-2394 USA

Language: English Document Type: ARTICLE

Geographic Location: England; Switzerland; Romania

Journal Subject Category: ENGINEERING, ELECTRICAL & ELECTRONIC; NUCLEAR SCIENCE & TECHNOLOGY

Abstract: This paper reports recent work on ethernet traffic **generation** and analysis. We use gigabit ethernet **network** interface **cards** (NICs) running **customized** embedded software and custom-built 32-port

fast ethernet boards based on field programmable gate arrays (FPGAs) to study the behavior of large ethernet **networks** . The traffic **generation** software is able to accommodate many traffic distributions with the ultimate goal of **generating** traffic that resembles the data collection system of the ATLAS experiment at CERN, Geneva, Switzerland. Each packet is time stamped with a global clock value and, therefore, we are able to compute an accurate measure of the **network** latency. Various other information collected from the boards is displayed in real time on a graphical interface. This work provides the tools to study a test bed representing a fraction of the 1600 ATLAS detector readout buffers and 600 Level 2 trigger central processing units (CPUs) using a combination of the fast ethernet boards and the gigabit ethernet NICs.

Descriptors--Author Keywords: measurement ; modeling ; **networks** ; switches

Cited References:

CERNLHCC200017, 2000
BYSTRICKY J, 2000, ATLDAQ2000030 ATLAS
DOBINSON RW, 2001, V48, P607, IEEE T NUCL SCI
HOARE CA, 1988, OCCAM 2 REFERENCE MA
KORCYL K, 2001, P96, P IEEE 2001 REAL TIM

18/5/10 (Item 2 from file: 34)

DIALOG(R)File 34:SciSearch(R) Cited Ref Sci
(c) 2003 Inst for Sci Info. All rts. reserv.

08140237 Genuine Article#: 250XJ Number of References: 16

Title: Trusted third party services for deploying secure telemedical applications over the WWW

Author(s): Spinellis D (REPRINT) ; Gritzalis S; Iliadis J; Gritzalis D; Katsikas S

Corporate Source: UNIV AEGEAN,DEPT INFORMAT & COMMUN SYST/GR-83200
SAMOS//GREECE/ (REPRINT); ATHENS TECHNOL EDUC INST,DEPT
INFORMAT/GR-12243 AEGALEO//GREECE/; ATHENS UNIV ECON & BUSINESS,DEPT
INFORMAT/GR-10434 ATHENS//GREECE/

Journal: COMPUTERS & SECURITY, 1999, V18, N7, P627-639

ISSN: 0167-4048 Publication date: 19990000

Publisher: ELSEVIER ADVANCED TECHNOLOGY, OXFORD FULFILLMENT CENTRE THE
BOULEVARD, LANGFORD LANE, KIDLINGTON, OXFORD OX5 1GB, OXON, ENGLAND

Language: English Document Type: ARTICLE

Geographic Location: GREECE

Subfile: CC ENGI--Current Contents, Engineering, Computing & Technology;

Journal Subject Category: COMPUTER SCIENCE, INFORMATION SYSTEMS

Abstract: The EUROMED-ETS schema provides a robust security framework for telemedical applications operating over the **World Wide Web** . It is based on a trusted third party architecture under which certificate authorities store the public-key certificates of participating hospitals and medical practitioners. **Digital** signatures are used to provide peer and data origin authentication, and, in combination with access control lists, to provide access control. The deployed infrastructure is based on off-the-shelf available clients and servers, and provides functions for electronic registration of participants, session initialization, user authentication, key **generation** and **personalization** , **certificate generation** , distribution, storage and retrieval, certificate revocation lists, and auditing. It was found that, as the underlying technologies mature, a Web-based trusted third party architecture provides a viable solution for delivering secure telemedical applications.

Descriptors--Author Keywords: information security ; medical information system ; healthcare information system ; trusted third party ; **digital signature** ; **World Wide Web**

File 8: Ei Compendex(R) 1970-2003/Aug W1
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 File 94: JICST-EPlus 1985-2003/Aug W1
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 File 6: NTIS 1964-2003/Aug W2
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 File 434: SciSearch(R) Cited Ref Sci 1974-1989/Dec
 (c) 1998 Inst for Sci Info
 File 34: SciSearch(R) Cited Ref Sci 1990-2003/Aug W1
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Set	Items	Description
S1	63	(CUSTOMIZ? OR CUSTOMIS? OR PERSONALIZ? OR PERSONALIS? OR TAILOR?) (3N) (ID OR IDS OR IDENTIFICATION?)
S2	211	(CUSTOMIZ? OR CUSTOMIS? OR PERSONALIZ? OR PERSONALIS? OR TAILOR?) (3N) (DOCUMENT? ? OR DOCUMENTATION? OR SECURITY?)
S3	45	(CUSTOMIZ? OR CUSTOMIS? OR PERSONALIZ? OR PERSONALIS? OR TAILOR?) (3N) (LICENS? OR BADGE? OR CERTIFICAT? OR CARD OR CARDS OR PASSPORT?)
S4	4866063	GENERAT? OR CREAT? OR DESIGN? ? OR DESIGNING? OR PRODUCE? ? OR PRODUCING OR MAKE? ? OR MAKING
S5	6280795	S4 OR ORDER? ? OR ORDERING OR PURCHAS? OR ACQUI? OR BUY? OR BOUGHT OR TRANSACTION?
S6	1344733	NETWORK? OR INTERNET OR WEBSITE? OR WEBPAGE? OR WEB() (SITE? OR PAGE?) OR WWW OR WORLDWIDEBWEB OR WORLD()WIDE()WEB OR ONLINE OR ON()LINE OR DIGITAL? OR DIGITI?
S7	33	S1 AND S5
S8	5	S7 AND S6
S9	5	RD (unique items)
S10	125	S2 AND S5
S11	56	S10 AND S6
S12	55	S11 NOT S9
S13	43	S12 NOT PY>2001
S14	41	RD (unique items)
S15	24	S3 AND S5
S16	10	S15 AND S6
S17	10	S16 NOT (S9 OR S14)
S18	10	RD (unique items)
?		

9/5/1 (Item 1 from file: 8)
DIALOG(R) File 8: Ei Compendex(R)
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05346573 E.I. No: EIP99084760029

Title: Anti-aliasing analog low pass filter transfer function parametric spectral estimation for digital compensation

Author: D'Antona, Gabriele; Di Rienzo, Luca; Ottoboni, Roberto

Corporate Source: Politecnico di Milano, Milano, Italy

Conference Title: Proceedings of the 1999 16th IEEE Instrumentation and Measurement Technology Conference, IMTC/99 - Measurements for the new Millenium

Conference Location: Venice, Italy Conference Date: 19990624-19990626

Sponsor: IEEE

E.I. Conference No.: 55323

Source: Conference Record - IEEE Instrumentation and Measurement Technology Conference v 2 1999. p 1305-1309

Publication Year: 1999

CODEN: CRIIE7

Language: English

Document Type: JA; (Journal Article) Treatment: T; (Theoretical)

Journal Announcement: 9910W1

Abstract: In **digital acquisition** systems, the software procedures for the compensation of the real behaviour of the anti-aliasing filter represents an efficient way to the achievement of a better accuracy at a lower price. The critical point in these post-processing methodologies is represented by the need of a dedicated high-accuracy test signal **generator**, that doesn't match with the industrial environment requirements. In the paper, the use of a square waveform as a test signal has been investigated. This signal can be easily **generated** by the **acquisition** system itself, in a very cheap way, with a proper accuracy level. A well- **tailored identification** procedure has been developed able to fully exploit information carried out by the test signal, in **order** to achieve a better identification of the anti-aliasing filter. The software simulations performed give a clear evidence of the correctness of the proposed method. (Author abstract) 10 Refs.

Descriptors: *Low pass filters; Computer simulation; Transfer functions; Computer software; Waveform analysis

Identifiers: Square waveform analysis

Classification Codes:

703.2 (Electric Filters); 723.5 (Computer Applications)

703 (Electric Circuits); 723 (Computer Software); 921 (Applied Mathematics)

70 (ELECTRICAL ENGINEERING); 72 (COMPUTERS & DATA PROCESSING); 92 (ENGINEERING MATHEMATICS)

9/5/2 (Item 2 from file: 8)
DIALOG(R) File 8: Ei Compendex(R)
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03933172 E.I. No: EIP94091388395

Title: Linear in the parameters identification for classes of systems

Author: Williamson, Geoffrey A.

Corporate Source: Illinois Inst of Technology, Chicago, IL, USA

Conference Title: Proceedings of the 32nd IEEE Conference on Decision and Control. Part 3 (of 4)

Conference Location: San Antonio, TX, USA Conference Date: 19931215-19931217

Sponsor: IEEE Control Systems Society

E.I. Conference No.: 20202

Source: Proceedings of the IEEE Conference on Decision and Control v 3 1993. Publ by IEEE, IEEE Service Center, Piscataway, NJ, USA, 93CH3307-6. p 2607-2612

Publication Year: 1993

ISSN: 0191-2216 ISBN: 0-7803-1298-8

Language: English

Document Type: CA; (Conference Article) Treatment: T; (Theoretical); N; (Numerical)

Journal Announcement: 9410W3

Abstract: System identification is often required in situations in which the unknown system is drawn from a class of systems whose characteristic are imprecisely specified. In this paper, a method for selecting an identifier model set is developed which matches the model set to the class of unknown systems. A priori information in the form of impulse responses for examples taken from the system class is used in choosing the model set. The model set is constrained to have a linear in the parameters structure, so that **on - line** identification algorithms with robust convergence properties are applicable to the problem. This approach is shown to **produce an identification procedure tailored** to the class of systems in hand, with the benefit of providing reasonably accurate system models while using a limited number of adjustable model parameters. (Author abstract) 17 Refs.

Descriptors: *Identification (control systems); Parameter estimation; Mathematical models; System theory; Control system analysis; Robustness (control systems)

Identifiers: Identifier model set; Unknown systems; Impulse responses

Classification Codes:

721 (Computer Circuits & Logic Elements); 723 (Computer Software); 731 (Automatic Control Principles); 921 (Applied Mathematics)
72 (COMPUTERS & DATA PROCESSING); 73 (CONTROL ENGINEERING); 92 (ENGINEERING MATHEMATICS)

9/5/3 (Item 1 from file: 6)

DIALOG(R)File 6:NTIS

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1231831 NTIS Accession Number: DE86057701

CATFISH; LMFBR Primary Flow Network Analysis
(Software)

Carelli, M. D. ; Willis, J. M.

Westinghouse Electric Corp., Pittsburgh, PA. Advanced Reactors Div.

Corp. Source Codes: 004089049

Report No.: ANL/NESC-9701R

1985 mag tape

Languages: English

Journal Announcement: GRAI8611

Price includes documentation. Tapes can be prepared in most recording modes for one-half inch tape. Specify recording mode desired. Call NTIS Computer Products if you have questions. U.S. Sales only.

NTIS Prices: CP T14

Country of Publication: United States

CATFISH (Core Assemblies **Tailored Flow Identification** Self-adjusting pump Head) was developed to perform parametric and **design** studies of reactor flow distribution and pressure drop in an LMFBR primary system and to detail the core hydraulic characteristics and performance. Emphasis is placed on detailing the flow distribution throughout the core. A branched **network** models the various flow paths: fuel, blanket, primary and secondary control assemblies, radial shield, vessel and core barrel, and leakage. For each individual assembly, the hydraulic resistance of every component is accounted for including lower internals, assembly nozzles, orifices, shield, rod bundle, etc. The entire primary system is thus modeled with the pump characteristics equation representing the boundary condition, or, more accurately, the closure of the **network**. CATFISH also sizes the orifices (number of plates, size, and number of holes) to better satisfy the specified flow orificing requirements. The data handling capability of the program allows a number of specific flow and orificing problems to be solved; for example, it is possible to analyze flow distributions in manifolds which supply different combinations of different

types of core assemblies. The only limitation of the program is that the parallel flow **network** solution is accurate as long as large density differences are absent. CATFISH calculates the unique hydraulic parameters (flows and orificing) that satisfy user-specified constraints. Input error testing helps prevent the user from defining an over- or under-constrained problem. The types of problems that can be solved fall into two general categories: 1) When the hydraulic characteristics of every **network** component (including the pump and orifices) is specified, the program calculates the flow in every flow path. This feature is used in analyzing existing **designs**. 2) When some orifice hydraulic resistances are not specified, the code calculates the unspecified orifices to satisfy flow constraint specified by the user (i.e., total reactor flow rate and/or core flow distribution). This feature is used in determining the core **design**. The main input consists of the pressure drop characteristics of all flow channels and the head versus flow relationship of the supply pump. The program calculates the flow in each channel and, if they are not given, can specify the characteristics of orifice plates required to control the flow to specific paths. It matches the overall head loss of the system with the pump characteristics. Parameters defining the flow **network** are specified by the user. Subject to program dimension limitations, a large number of parallel assemblies (1212) and of orificing zones (31) is allowed; each core assembly can be divided into a maximum of 10 hydraulic components with each component having its own unique hydraulic law; any number of lower inlet modules is allowed; and any number of assemblies can be placed in a given lower inlet module. The current release of the program is restricted to one pump and one loop. Uncertainty analysis is performed by either applying a factor to each flow resistance or by calculating root mean square flow deviations for all flow rates...Software Description: CDC7600. FORTRAN IV

Descriptors: *Software; Reactor cores; Pumps; Fluid flow; Reactor components; Reactor cooling systems; Orifices; Clinch River Breeder Reactor ; LMFBR reactors; COBRA-WC codes; FLOWDIV codes

Identifiers: L=Fortran 4; H=CDC-7600; NTISDESC

Section Headings: 77H (Nuclear Science and Technology--Reactor Engineering and Nuclear Power Plants); 62GE (Computers, Control, and Information Theory--General)

9/5/4 (Item 1 from file: 34)

DIALOG(R)File 34:SciSearch(R) Cited Ref Sci

(c) 2003 Inst for Sci Info. All rts. reserv.

08829587 Genuine Article#: 333PU Number of References: 4

Title: PicoRadio supports ad hoc ultra-low power wireless networking

Author(s): Rabaey JM (REPRINT); Ammer MJ; daSilva JL; Patel D; Roundy S

Corporate Source: UNIV CALIF BERKELEY, DEPT ELECT ENGN & COMP

SCI/BERKELEY//CA/94720 (REPRINT); UNIV CALIF BERKELEY, BERKELEY WIRELESS
RES CTR/BERKELEY//CA/94720

Journal: COMPUTER, 2000, V33, N7 (JUL), P42-&

ISSN: 0018-9162 Publication date: 20000700

Publisher: IEEE COMPUTER SOC, 10662 LOS VAQUEROS CIRCLE, PO BOX 3014, LOS
ALAMITOS, CA 90720-1314

Language: English Document Type: ARTICLE

Geographic Location: USA

Subfile: CC ENGI--Current Contents, Engineering, Computing & Technology

Journal Subject Category: COMPUTER SCIENCE, HARDWARE & ARCHITECTURE;

COMPUTER SCIENCE, SOFTWARE, GRAPHICS, PROGRAMMING

Abstract: Technology advances have made it conceivable to build and deploy dense wireless **networks** of heterogeneous nodes collecting and disseminating wide ranges of environmental data. Applications of such sensor and monitoring **networks** include smart homes equipped with security, **identification**, and **personalization** systems; intelligent assembly systems; warehouse inventory control; interactive learning toys; and disaster mitigation. The opportunities emerging from this technology give rise to new definitions of distributed computing and

the user interface.

Crucial to the success of these ubiquitous **networks** is the availability of small, light-weight, low-cost **network** elements, which the authors call PicoNodes.

The authors present a configurable architecture that enables these opportunities to be efficiently realized in silicon. They believe that this energy-conscious system- **design** and implementation methodology will lead to radio nodes that are two **orders** of magnitude more efficient than existing solutions.

Cited References:

BONABEAU E, 2000, P73, SCI AM MAR
INTANAGONWIWAT C, P ACM MOB 2000
JIAN R, 1999, AD HOC NETWORKS DEC
ZHANG H, 2000, P68, P ISSCC C

9/5/5 (Item 2 from file: 34)

DIALOG(R)File 34:SciSearch(R) Cited Ref Sci
(c) 2003 Inst for Sci Info. All rts. reserv.

01372532 Genuine Article#: GT957 Number of References: 39

Title: AUTOMATED ON-ORBIT FREQUENCY-DOMAIN IDENTIFICATION FOR LARGE SPACE STRUCTURES

Author(s): BAYARD DS; HADAEGH FY; YAM Y; SCHEID RE; METTLER E; MILMAN MH

Corporate Source: CALTECH, JET PROP LAB, GUIDANCE & CONTROL SECT, 4800 OAK GROVE DR/PASADENA//CA/91109

Journal: AUTOMATICA, 1991, V27, N6, P931-946

Language: ENGLISH Document Type: ARTICLE

Geographic Location: USA

Subfile: SciSearch; CC ENGI--Current Contents, Engineering, Technology & Applied Sciences

Journal Subject Category: COMPUTER APPLICATIONS & CYBERNETICS

Abstract: Recent experiences in the field of flexible structure control in space have indicated a need for on-orbit system identification to support robust control redesign to avoid in-flight instabilities and maintain high spacecraft performance. This paper highlights an automated frequency domain system identification methodology recently developed to fulfill this need. The methodology is focused to support (1) the estimation of system quantities useful for robust control analysis and **design**, (2) experiment **design tailored** to performing system **identification** in a typically constrained on-orbit environment and (3) the automation of operations to reduce "human in the loop" requirements. A basic overview of the methodology is presented first, followed by an experimental verification of the approach performed on the JPL/AFAL test-bed facility.

Descriptors--Author Keywords: SPACE VEHICLES; **ONLINE** OPERATION; AEROSPACE CONTROL; FLEXIBLE STRUCTURES; LABORATORY TECHNIQUES; PARAMETER ESTIMATION; SYSTEM IDENTIFICATION; ROBUST CONTROL

Identifiers--KeyWords Plus: **DESIGN**

Research Fronts: 89-0848 003 (ADAPTIVE-CONTROL OF ROBOTIC SYSTEMS; ONE-LINK FLEXIBLE ARM; NONLINEAR AIRCRAFT MANEUVER; UNMODELLED DYNAMICS; ROBUST STABILIZATION)

89-0197 002 (H-INFINITY OPTIMAL-CONTROL; LINEAR STATE-SPACE SYSTEMS; STABILIZING COMPENSATORS FOR SINGLE-INPUT SINGLE-OUTPUT PLANTS; ROBUST STABILIZATION)

*14/5/1 (Item 1 from file: 8)
DIALOG(R)File 8: Ei Compendex(R)
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06168768 E.I. No: EIP02427149359

Title: The future of the document

Author: Gallaire, Herve

Conference Title: 9th Congress of the International Colour Association

Conference Location: Rochester, NY, United States Conference Date:

20010624-20010629

Sponsor: Kodak; R.I.T.; SunChemical; Xerox

E.I. Conference No.: 59895

Source: Proceedings of SPIE - The International Society for Optical Engineering v 4421 2001. p xxxiii-xxxvii

Publication Year: 2001

CODEN: PSISDG ISSN: 0277-786X

Language: English

Document Type: CA; (Conference Article) Treatment: G; (General Review)

Journal Announcement: 0210W4

Abstract: The document-recorded information, structured for comprehension-is one of the two main forms of communication among humans, speech being the other. Over the millennia, the media, format, style and production used for documents have evolved along with the technological capabilities of the societies that **create** and use them. The evolution has accelerated dramatically over the last 50 years in the **digital** age. The document life cycle has traditionally meant the **creation**, production, distribution and archiving of printed matter, such as books, newspapers and memos. Electronic publishing is changing both the ways in which people and machines interact with documents and the document life cycle itself. The increased affordability and accessibility of color and images in documents, and the ability to **produce customized documents** on a massive scale have **created** new document genres. Documents are no longer always the end product, but can now be portals into knowledge collections. This keynote talk will describe the new and evolving possibilities for the document.

Descriptors: *Color image processing; Technological forecasting; Research and development management; Electronic document exchange; Electronic publishing; Color photocopying; Visualization

Identifiers: Document life cycle; Visual documents

Classification Codes:

741.1 (Light & Optics); 901.4 (Impact of Technology on Society); 901.3 (Engineering Research); 723.5 (Computer Applications); 745.2 (Reproduction, Copying)

741 (Light, Optics & Optical Devices); 901 (Engineering Profession); 723 (Computer Software, Data Handling & Applications); 745 (Printing & Reprography)

74 (LIGHT & OPTICAL TECHNOLOGY); 90 (ENGINEERING, GENERAL); 72 (COMPUTERS & DATA PROCESSING)

14/5/2 (Item 2 from file: 8)
DIALOG(R)File 8: Ei Compendex(R)
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06013012 E.I. No: EIP02096873389

Title: Security features required in an NGN

Author: Gamm, Bernhard; Howard, Brett; Paridaens, Olivier

Corporate Source: Network Architecture Group, Stuttgart, Germany

Source: Alcatel Telecommunications Review n 2 2001. p 129-133

Publication Year: 2001

CODEN: ATREFX ISSN: 1267-7167

Language: English

Document Type: JA; (Journal Article) Treatment: T; (Theoretical)

Journal Announcement: 0203W1

Abstract: The security features related with next **generation networks**

{NGN) which uses the **Internet** protocol for transport were discussed. The NGN architecture was developed with security in mind, based on a threat analysis. The cost-effective counter-measures were developed and categorized as preventive or as detective. Flexibility allows the **customization of security in order** to meet the needs of real environment. (Edited abstract) 6 Refs.

Descriptors: Security of data; **Network** protocols; Servers; Data privacy ; Telecommunication services; Computer crime; Risk assessment; Cost effectiveness

Identifiers: Next **generation networks** (NGN); Message authentication code (MAC)

Classification Codes:

723.2 (Data Processing); 914.1 (Accidents & Accident Prevention); 911.2 (Industrial Economics)

723 (Computer Software, Data Handling & Applications); 722 (Computer Hardware); 716 (Electronic Equipment, Radar, Radio & Television); 914 (Safety Engineering); 911 (Cost & Value Engineering; Industrial Economics)

72 (COMPUTERS & DATA PROCESSING); 71 (ELECTRONICS & COMMUNICATION ENGINEERING); 91 (ENGINEERING MANAGEMENT)

14/5/3 (Item 3 from file: 8)

DIALOG(R) File 8: Ei Compendex(R).

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05993699 E.I. No: EIP02046837951

Title: A framework for managing QoS and improving performance of dynamic web content

Author: Mohapatra, Prasant; Chen, Huamin

Corporate Source: Dept. of Computer Science and Eng. Michigan State University, East Lansing, MI 48824, United States

Conference Title: IEEE Global Telecommunicatins Conference GLOBECOM'01

Conference Location: San Antonio, TX, United States Conference Date: 20011125-20011129

Sponsor: IEEE; ICC GLOBECOM

E.I. Conference No.: 58956

Source: Conference Record / IEEE Global Telecommunications Conference v 4 2001. p 2460-2464 (IEEE cat n 01CH37270)

Publication Year: 2001

CODEN: CRIEET

Language: English

Document Type: CA; (Conference Article) Treatment: T; (Theoretical); X; (Experimental)

Journal Announcement: 0201W4

Abstract: The proportion of dynamic objects has been growing at a fast rate in the **world wide web**. However, because of additional resource requirements and the changing nature of these objects, the performance of accessing dynamic web contents has been observed to be poor in the current **generation** web services. We propose a framework called WebGraph that helps in improving the response time for accessing dynamic objects. The WebGraph framework manages a graph for each of the **web pages**. Both the nodes and the edges have attributes that are used in managing the **web pages**. Instead of recomputing and recreating the entire page, the node and edge attributes are used to update a subset of the weblits are are then integrated to form the entire page. In addition to the performance benefits in terms of lower response time, the WebGraph framework facilitates web caching, QoS support, load balancing, overload control, **personalized** services, and **security** for both dynamic as well as static **web pages**. 22 Refs.

Descriptors: **Websites** ; Servers; Response time (computer systems); Quality of service

Identifiers: Web servers

Classification Codes:

723 (Computer Software, Data Handling & Applications)

72 (COMPUTERS & DATA PROCESSING)

14/5/4 (Item 4 from file: 8)

DIALOG(R)File 8:Ei Compendex(R)

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05888626 E.I. No: EIP01376648719

Title: Integrating XML and databases

Author: Bertino, E.; Catania, B.

Corporate Source: University of Milano, Milano, Italy

Source: IEEE Internet Computing v 5 n 4 July/August 2001. p 84-88

Publication Year: 2001

CODEN: IICOFX ISSN: 1089-7801

Language: English

Document Type: JA; (Journal Article) Treatment: T; (Theoretical)

Journal Announcement: 0109W4

Abstract: Handling XML documents through database management systems (DBMS) is discussed. XML documents are application relevant objects to be stored and managed by a database management systems (DBMS). They are document centric since their meaning depends on the document as a whole. The structure is more irregular and data are heterogenous. XML documents prevails in **personalized** publishing, portals, customized presentations and content and document applications. XML encoding software often supports data formatting services in DBMS query language and encode the resulting data in an XML document to be transferred over the **network**. Representation of XML storage are unstructured and hybrid representation in DBMS. (Edited abstract) 4 Refs.

Descriptors: XML; Distributed database systems; Information retrieval systems; Electronic publishing; Portals; HTML; **World Wide Web**; Information dissemination; Data transfer; Data **acquisition**; Data handling; **Network** protocols; Semantics

Identifiers: Document type definitions (DTD); Data centric documents

Classification Codes:

723.5 (Computer Applications); 723.3 (Database Systems); 903.3 (Information Retrieval & Use); 903.2 (Information Dissemination); 723.2 (Data Processing)

723 (Computer Software, Data Handling & Applications); 903 (Information Science)

72 (COMPUTERS & DATA PROCESSING); 90 (ENGINEERING, GENERAL)

14/5/5 (Item 5 from file: 8)

DIALOG(R)File 8:Ei Compendex(R)

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05844517 E.I. No: EIP01266561173

Title: Web Documentation Project at the University of Delaware

Author: Hopkins, D.

Corporate Source: University of Delaware IT Help Center, Newark, DE 19716, United States

Conference Title: Fall User Services Conference (SIGUCCS 2000)

Conference Location: Richmond, VA, United States Conference Date: 20001029-20001101

Sponsor: ACM/SIGUCCS

E.I. Conference No.: 58198

Source: Proceedings ACM SIGUCCS User Services Conference 2000. p 102-105

Publication Year: 2000

Language: English

Document Type: CA; (Conference Article) Treatment: T; (Theoretical)

Journal Announcement: 0107W1

Abstract: The Web Documentation Project at the University of Delaware (UD) organizes the computing help information available to the University community. The project's goal is to provide information to our users whenever they need it in a format they can understand without having to call the Help Center. The Help Center staff realized that they needed a

forum to disseminate information to the University community after the normal 8-5 workday. This forum would also provide users with quick information and solutions to common questions without having to wait for a return call during busy times of the day or semester. Using existing Web documents **created** by Information Technologies (IT) staff and calling upon staff members in other departments to fill in the documentation gaps, the first version of the Help Center **web page** went **on - line** in the fall semester of 1996. Using this **web page** as a starting point, borrowing from the newly redesigned University **web page** and incorporating user input, the interface was redesigned with an emphasis placed on quickly finding information. An alphabetical index was added and the University's newly **acquired** Ultraseek Search Engine was **customized** to search relevant **documents**. The new version went **on - line** in the fall semester of 1999. Since then, there has been a concerted effort to simplify existing documents and expand the number of areas covered. Prior to this process, most documents were placed in scattered directories owned by the people who **created** them which led to numerous documents that essentially contained the same information. Now the documents are being moved to central directories that better suit the subject matter and duplicate documents are being phased out. Using this process and user feedback, the Help Center staff continue to look for ways to improve the **web page** and the information provided.

Descriptors: *Information retrieval systems; System program documentation
; Information dissemination; Portals

Identifiers: Web documentation

Classification Codes:

903.3 (Information Retrieval & Use); 723.5 (Computer Applications);
723.1 (Computer Programming); 903.2 (Information Dissemination)
903 (Information Science); 723 (Computer Software, Data Handling &
Applications)
90 (ENGINEERING, GENERAL); 72 (COMPUTERS & DATA PROCESSING)

14/5/6 (Item 6 from file: 8)
DIALOG(R) File 8: Ei Compendex(R)
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05701894 E.I. No: EIP00115405318

Title: financialprinter.com takes the enterprise information portal plunge

Author: Kincaid-Yoshikawa, Carla

Corporate Source: Collaborative Strategies, San Francisco, CA, USA

Source: Storage Management Solutions v 5 n 4 2000. p 60-62, 72

Publication Year: 2000

CODEN: SMSOFD

Language: English

Document Type: JA; (Journal Article) Treatment: G; (General Review)

Journal Announcement: 0012W4

Abstract: Financial printing work requires high-level **security**, **personalized** service, and considerable legal and commercial expertise. In November, 1999, a startup called financialprinter.com became the first national financial printer to adapt Web-based technology to meet these needs. Part of the company's strategy was to employ **Internet** oriented Enterprise Information Portals as a way of bringing high technological capability into their service offering while maintaining the focus on professional specialty. Of the portals they explored, KnowledgeTrack's object-level **security**, **customizable** component architecture, and use of an application server reportedly offered a good combination of security, adaptability, and scalability.

Descriptors: Financial data processing; Security of data; **World Wide Web**; Information technology; Database systems; Electronic mail; Interfaces (computer); Data **acquisition**; Information retrieval systems; HTML

Identifiers: Financial printer; Enterprise information portals

Classification Codes:

911.1 (Cost Accounting); 723.2 (Data Processing); 723.5 (Computer

Applications); 723.3 (Database Systems); 722.2 (Computer Peripheral Equipment)
911 (Industrial Economics); 723 (Computer Software); 722 (Computer Hardware)
91 (ENGINEERING MANAGEMENT); 72 (COMPUTERS & DATA PROCESSING)

14/5/7 (Item 7 from file: 8)
DIALOG(R)File 8:Ei Compendex(R)
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05432197 E.I. No: EIP99124941516

Title: WebDB hypermedia database system

Author: Li, Wen-Syan; Wu, Yi-Le; Shim, Junho; Hirata, Kyoji; Mukherjea, Sougata; Agrawal, Divyakant; Hara, Yoshinori; Ito, Reiko; Kimura, Yutaka; Shimazu, Kazuyuki; Saito, Yukiyo

Corporate Source: NEC USA, Inc, San Jose, CA, USA

Source: IEICE Transactions on Information and Systems v E82-D n 1 1999. p 266-277

Publication Year: 1999

CODEN: ITISEF ISSN: 0916-8532

Language: English

Document Type: JA; (Journal Article) Treatment: A; (Applications)

Journal Announcement: 0001W4

Abstract: The Web is a collection of multimedia documents in the form of HTML pages connected through hyperlinks. Unlike most search engines, which focus on information retrieval based on keywords, WebDB aims at supporting database-like comprehensive query functionalities as well navigation, and **document generation** functionalities with **customizability**. To support hypermedia database functionalities, we augment the traditional concepts of tables in relational databases and classes in object-oriented databases with notions of document formats and navigation. We **design** WQL (Web Query Language) as an HTML document manipulation language. WQL language statements contain two parts: SELECT...FROM...WHERE clauses for specifying retrieval of data contents from hypermedia databases and **CREATE ...AS...** clauses for specifying the output HTML format and navigation of the query results. This paper presents the architecture of WebDB and its functionalities. The extension to SQL for hypermedia document manipulation, query, and navigation and implementation on NEC PERCIO OODBMS are described in detail. (Author abstract) 17 Refs.

Descriptors: Distributed database systems; **World Wide Web**; Hypermedia systems; HTML; Search engines; Query languages; Relational database systems; Object oriented programming

Identifiers: Software Package SQL; Object oriented database management system

Classification Codes:

723.1.1 (Computer Programming Languages)

723.3 (Database Systems); 723.2 (Data Processing); 723.1 (Computer Programming)

723 (Computer Software)

72 (COMPUTERS & DATA PROCESSING)

14/5/8 (Item 8 from file: 8)
DIALOG(R)File 8:Ei Compendex(R)
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05383778 E.I. No: EIP99094775850

Title: Reader's Helper: A personalized document reading environment

Author: Graham, Jamey

Corporate Source: Ricoh Silicon Valley, Inc, Menlo Park, CA, USA

Conference Title: Proceedings of the CHI 99 Conference: CHI is the Limit - Human Factors in Computing Systems

Conference Location: Pittsburgh, PA, USA Conference Date: 19990515-19990520

Sponsor: ACM SIGCHI
E.I. Conference No.: 55444
Source: Conference on Human Factors in Computing Systems - Proceedings
1999. p 481-488
Publication Year: 1999
CODEN: 002163
Language: English
Document Type: JA; (Journal Article) Treatment: T; (Theoretical)
Journal Announcement: 9911W3

Abstract: Over the last two centuries, reading styles have shifted away from the reading of documents from beginning to end and toward the skimming of documents in search of relevant information. This trend continues today where readers, often confronted with an insurmountable amount of text, seek more efficient methods of extracting relevant information from documents. In this paper, a new document reading environment is introduced called the Reader's Helper**T**M, which supports the reading of electronic and paper documents. The Reader's Helper analyzes documents and **produces** a relevance score for each of the reader's topics of interest, thereby helping the reader decide whether the document is actually worth skimming or reading. Moreover, during the analysis process, topic of interest phrases are automatically annotated to help the reader quickly locate relevant information. A new information visualization tool, called the Thumbar**T**M, is used in conjunction with relevancy scoring and automatic annotation to portray a continuous, dynamic thumb-nail representation of the document. This further supports rapid navigation of the text. (Author abstract) 24 Refs.

Descriptors: Human computer interaction; Computer aided software engineering; **Online** systems; Database systems; User interfaces; Artificial intelligence

Identifiers: **Digital** libraries

Classification Codes:

722.2 (Computer Peripheral Equipment); 723.1 (Computer Programming);
723.5 (Computer Applications); 722.4 (Digital Computers & Systems); 723.3
(Database Systems); 723.4 (Artificial Intelligence)
722 (Computer Hardware); 723 (Computer Software)
72 (COMPUTERS & DATA PROCESSING)

14/5/9 (Item 9 from file: 8)

DIALOG(R)File 8: Ei Compendex(R)

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05351308 E.I. No: EIP99094771647

Title: Technology of digital color presses

Author: Huff, Rich; West, Kelley

Corporate Source: Doculabs

Source: Instant and Small Commercial Printer v 18 n 3 1999. p 5

Publication Year: 1999

ISSN: 1044-3746

Language: English

Document Type: JA; (Journal Article) Treatment: G; (General Review)

Journal Announcement: 9910W3

Abstract: **Digital** color presses (DCP) are suitable for **producing** the variable and **personalized documents** that print **buyers** want. Today's DCP are production systems designed to **create** top-quality, short-run **documents**, or variable and **personalized documents** in volumes of more than 100,000 pages per month. The composition, processing and imaging of these documents are completely **digital**, which eliminates the need for film or plates. Some print applications that lend themselves to DCP production include custom catalogs, personalized marketing collaterals and monthly statements printed in color on high-quality stock for the top-tier customers that companies try so hard to retain.

Descriptors: Printing presses; Color printing; **Digital** signal processing; Image quality; Value engineering; Color image processing

Identifiers: **Digital** color presses

• Classification Codes:

745.1.1 (Printing Equipment)
745.1 (Printing); 722.4 (Digital Computers & Systems); 723.2 (Data Processing); 911.5 (Value Engineering); 741.1 (Light/Optics)
745 (Printing & Reprography); 722 (Computer Hardware); 723 (Computer Software); 911 (Industrial Economics); 741 (Optics & Optical Devices)
74 (OPTICAL TECHNOLOGY); 72 (COMPUTERS & DATA PROCESSING); 91 (ENGINEERING MANAGEMENT)

14/5/10 (Item 10 from file: 8)

DIALOG(R)File 8: Ei Compendex(R)

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05351142 E.I. No: EIP99094773456

Title: Benchmark assessment of digital color presses

Author: Huff, Rich; West, Kelley

Corporate Source: Doculabs

Source: High Volume Printing : HIV v 17 n 1 1999. p 6

Publication Year: 1999

ISSN: 0737-1020

Language: English

Document Type: JA; (Journal Article) Treatment: G; (General Review)

Journal Announcement: 9910W3

Abstract: Digital color presses (DCP) are production systems designed to create top-quality, short-run documents, or variable and personalized documents. With the rapid advancements of DCP technology, sorting out the market and keeping up with rapidly-changing technologies are extremely challenging for printers interested in deploying DCP solutions. With this in mind, Doculabs conducted a benchmark assessment of the DCP solutions available from Agfa, IBM and Xeikon. The study aims to assess how DCP vendors are improving and differentiating their presses within various markets. The results of the assessments and the key capabilities of the DCP solutions are presented.

Descriptors: *Printing presses; Color printing; Technology transfer; Benchmarking; Color image processing

Identifiers: Digital color presses (DCP) technology

Classification Codes:

745.1.1 (Printing Equipment)

745.1 (Printing); 911.2 (Industrial Economics); 741.1 (Light/Optics)

745 (Printing & Reprography); 911 (Industrial Economics); 741 (Optics & Optical Devices)

74 (OPTICAL TECHNOLOGY); 91 (ENGINEERING MANAGEMENT)

14/5/11 (Item 11 from file: 8)

DIALOG(R)File 8: Ei Compendex(R)

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05110565 E.I. No: EIP98094363804

Title: Dynamic hypertext catalogues: Helping users to help themselves

Author: Milosavljevic, Maria; Oberlander, Jon

Corporate Source: CSIRO Mathematical and Information Sciences, Sydney, Aust

Conference Title: Proceedings of the 1998 9th ACM Conference on Hypertext and Hypermedia

Conference Location: Pittsburgh, PA, USA Conference Date: 19980620-19980624

E.I. Conference No.: 48910

Source: Proceedings of the ACM Conference on Hypertext 1998. ACM, New York, NY, USA. p 123-131

Publication Year: 1998

CODEN: 85OBA2

Language: English

Document Type: CA; (Conference Article) Treatment: G; (General Review)

Journal Announcement: 9810W4

Abstract: Electronic hypertext catalogues provide an important channel for information provision. However, static hypertext documents cannot be dynamically adapted to help the user find what he/she is looking for. We demonstrate that natural language **generation** techniques can be used to **produce tailored** hypertext documents, and we focus on two key benefits of the resulting DYNAMIC HYPERTEXT. First, documents can be **tailored** more precisely to an individual's needs and background, thus aiding the search process. Secondly, the incorporation of techniques for comparing catalogue items allows the user to search still more effectively. We describe the automatic **generation** of hypertext documents containing comparisons, with illustrations from two implemented systems. (Author abstract) 26 Refs.

Descriptors: Hypertext systems; Natural language processing systems; **World Wide Web**; Data communication systems

Identifiers: Dynamic hypertext catalogues; Natural language **generation** techniques

Classification Codes:

723.2 (Data Processing)

723 (Computer Software)

72 (COMPUTERS & DATA PROCESSING)

14/5/12 (Item 12 from file: 8)

DIALOG(R) File 8: Ei Compendex(R)

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04879625 E.I. No: EIP97123949242

Title: Annotation engine for supporting video database population

Author: Carrer, Marco; Ligresti, Leonardo; Ahanger, Gulrukh; Little, Thomas D.C.

Corporate Source: Boston Univ, Boston, MA, USA

Source: Multimedia Tools and Applications v 5 n 3 Nov 1997. p 233-258

Publication Year: 1997

CODEN: MTAPFB ISSN: 1380-7501

Language: English

Document Type: JA; (Journal Article) Treatment: T; (Theoretical)

Journal Announcement: 9801W4

Abstract: Segmentation, video data modeling, and annotation are indispensable operations necessary for **creating** and populating a video database. To support such video databases, annotation data can be collected as metadata for the database and subsequently used for indexing and query evaluation. In this paper we describe the **design** and development of a video annotation engine, called Vane, intended to solve this problem as a domain-independent video annotation application. Using the Vane tool, the annotation of raw video data is achieved through metadata collection. This process, which is performed semi-automatically, **produces tailored SGML documents** whose purpose is to describe information about the video content. These documents constitute the metadatabase component of the video database. The video data model which has been developed for the metadata, is as open as possible for multiple domain-specific applications. The tool is currently in use to annotate a video archive comprised of educational and news video content. (Author abstract) 24 Refs.

Descriptors: Video recording; Database systems; **Digital** storage; Image segmentation; Video signal processing; Data structures

Identifiers: Video databases; Video annotation; Video segmentation; Metadata

Classification Codes:

716.4 (Television Systems & Equipment); 723.3 (Database Systems); 722.1 (Data Storage, Equipment & Techniques); 723.2 (Data Processing)

716 (Radar, Radio & TV Electronic Equipment); 723 (Computer Software); 722 (Computer Hardware)

71 (ELECTRONICS & COMMUNICATIONS); 72 (COMPUTERS & DATA PROCESSING)

14/5/13 (Item 13 from file: 8)
DIALOG(R) File 8:EI Compendex(R)
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04561877 E.I. No: EIP96110413758

Title: Using technology to tailor electronic information to users
Author: Surray, Andrew; Lavoie, Robert
Corporate Source: Northern Telecom Ltd, Ottawa, Ont, Can
Conference Title: Proceedings of the 1996 IEEE International Professional Communication Conference, IPCC
Conference Location: Saratoga Springs, NY, USA Conference Date: 19960918-19960920
Sponsor: IEEE
E.I. Conference No.: 45602
Source: IEEE International Professional Communication Conference 1996.
IEEE, Piscataway, NJ, USA, 96CB36009. p 209-214
Publication Year: 1996
CODEN: IPPRFK
Language: English
Document Type: CA; (Conference Article) Treatment: A; (Applications); T
; (Theoretical)
Journal Announcement: 9701W2

Abstract: This paper examines a project conducted within Northern Telecom Limited (Nortel) Department X754 (located in Ottawa, Canada), designed to provide **customized end-user documentation**. The authors investigate two technologies: hyperlink paths in Adobe Acrobat portable document format (pdf) documents, and structured-document processing using SoftQuad's helper application PanoramaPRO. The methodology includes: conducting field research on end-user information requirements; **creating** hyperlink paths in pdf documents; and defining elements and attributes for structured-document information. With each prototype, users are able to select and view information customized for their needs. (Author abstract)

Descriptors: Information technology; Graphical user interfaces; Telecommunication equipment; Visualization; Information use; Telecommunication **networks**; Personnel training

Identifiers: Electronic information tailoring; Northern Telecom Limited; **Customized end user documentation**; Hyperlink paths; Structured document processing

Classification Codes:
723.5 (Computer Applications); 722.2 (Computer Peripheral Equipment);
716.1 (Information & Communication Theory); 903.2 (Information Dissemination)
723 (Computer Software); 903 (Information Science); 722 (Computer Hardware); 716 (Radar, Radio & TV Electronic Equipment)
72 (COMPUTERS & DATA PROCESSING); 90 (GENERAL ENGINEERING); 71 (ELECTRONICS & COMMUNICATIONS)

14/5/14 (Item 14 from file: 8)
DIALOG(R) File 8:EI Compendex(R)
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04449213 E.I. No: EIP96073249134

Title: On-demand printing & document management: revolutionary new synergy?

Author: Spencer, Harvey
Source: Advanced Imaging v 11 n 6 Jun 1996. 4pp
Publication Year: 1996
CODEN: ADIMEZ ISSN: 1042-0711
Language: English
Document Type: JA; (Journal Article) Treatment: G; (General Review)
Journal Announcement: 9609W3

Abstract: Printing is in the process of being revolutionized. This made possible by the **digitization** at the pre-press level and with the introduction of Docutech print-on-demand system. With print-on-demand

system, short **customized** runs of printed **documents** can be quickly and cost effectively **created** and therefore **documents** can be more **customized** to specific reading and advertising. In document management, it can be though that paper is being eliminated where the print-on-demand business is clearly **generating** it.

Descriptors: Printing; Information management; Scanning; Data processing; Information retrieval systems; Imaging techniques; Image processing; Image quality; Database systems; **Digital** image storage

Identifiers: On demand printing; Document management; Print on demand; Document processing; Remote scanning

Classification Codes:

745.1 (Printing); 912.2 (Management); 723.2 (Data Processing); 903.3 (Information Retrieval & Use); 723.3 (Database Systems)
745 (Printing & Reprography); 912 (Industrial Engineering & Management); 723 (Computer Software); 903 (Information Science)
74 (OPTICAL TECHNOLOGY); 91 (ENGINEERING MANAGEMENT); 72 (COMPUTERS & DATA PROCESSING); 90 (GENERAL ENGINEERING)

14/5/15 (Item 15 from file: 8)

DIALOG(R)File 8: Ei Compendex(R)

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04431456 E.I. No: EIP96063221421

Title: Future directions and research problems in the World Wide Web

Author: Manber, Udi

Corporate Source: Univ of Arizona, AZ, USA

Conference Title: Proceedings of the 1996 15th ACM SIGACT-SIGMOD-SIGART Symposium on Principles of Database Systems, PODS

Conference Location: Montreal, Can Conference Date: 19960603-19960605

Sponsor: ACM

E.I. Conference No.: 44816

Source: Proceedings of the ACM SIGACT-SIGMOD-SIGART Symposium on Principles of Database Systems - PODS 1996. ACM, New York, NY, USA. p 213-215

Publication Year: 1996

CODEN: 002154

Language: English

Document Type: CA; (Conference Article) Treatment: A; (Applications)

Journal Announcement: 9608W3

Abstract: This paper takes a look at database research directions opened by the **World Wide Web**, discussing the current place of databases on the web and the many possibilities and potential for the future. Discussing databases from the point of view of the web, a survey of the areas where the web can benefit from database research and database expertise is presented. The discussions include issues such as integration with information retrieval, handling diversity and scale, integrating and extending query mechanisms, collecting data, indexing mechanisms, client-server and hybrid paradigms, **customization** versus indoctrinization, **security**, user interfaces, browsing, visualization, consistency, and pricing.

Descriptors: Information retrieval systems; Database systems; Information retrieval; Query languages; Computer operating systems; Program processors; Data **acquisition**; Computers; Standards; Security of data

Identifiers: **World Wide Web**; Database research directions; Query mechanisms; Data diversity; Customization; Indoctrinization

Classification Codes:

723.1.1 (Computer Programming Languages)
903.3 (Information Retrieval & Use); 723.3 (Database Systems); 723.1 (Computer Programming); 722.4 (Digital Computers & Systems); 723.2 (Data Processing)
903 (Information Science); 723 (Computer Software); 722 (Computer Hardware)
90 (GENERAL ENGINEERING); 72 (COMPUTERS & DATA PROCESSING)

14/5/16 (Item 16 from file: 8)
DIALOG(R)File 8: Ei Compendex(R)
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03939708 E.I. No: EIP94091396785

Title: Dynamic hypertext synthesis for information retrieval

Author: Bodoff, David

Corporate Source: Leonard N. Stern Sch of Business, New York, NY, USA

Conference Title: Proceedings of the 27th Hawaii International Conference on System Sciences (HICSS-27). Part 4 (of 5)

Conference Location: Wailea, HI, USA Conference Date: 19940104-19940107

Sponsor: University of Hawaii; University of Hawaii College of Business Administration; IEEE Computer Society; Association for Computing Machinery
E.I. Conference No.: 20790

Source: Proceedings of the Hawaii International Conference on System Sciences v 4 1994. Publ by IEEE, Computer Society Press, Los Alamitos, CA, USA, 94TH0607-2. p 918-927

Publication Year: 1994

CODEN: PHISD7 ISSN: 1060-3425 ISBN: 0-8186-5080-X

Language: English

Document Type: CA; (Conference Article) Treatment: A; (Applications); G; (General Review)

Journal Announcement: 9410W4

Abstract: Hypertext navigation alone is insufficient for efficient Information Retrieval (IR). Previous attempts to combine IR techniques with hypertext have been confined to the pre-authored structure of a document. In this paper we extend computer-science methods to synthesize a **tailor**-made hypertext **document** in response to each user's query. The synthesis technique can also be used to automatically **create** a pre-authored hypertext document according to an author's specifications. (Author abstract) 24 Refs.

Descriptors: Information retrieval; Information services; Query languages; Societies and institutions; Computer science; Information management;

Online searching; Supervisory personnel

Identifiers: Hypertext navigation; Synthesis technique; Matrix management; Browse; Keywords

Classification Codes:

901.1.1 (Societies & Institutions)

903.3 (Information Retrieval & Use); 903.4 (Information Services);

723.3 (Database Systems); 901.1 (Engineering Professional Aspects); 723.5 (Computer Applications); 912.4 (Personnel)

903 (Information Science); 723 (Computer Software); 901 (Engineering Profession); 912 (Industrial Engineering & Management)

90 (GENERAL ENGINEERING); 72 (COMPUTERS & DATA PROCESSING); 91 (ENGINEERING MANAGEMENT)

14/5/17 (Item 17 from file: 8)
DIALOG(R)File 8: Ei Compendex(R)
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03699774 E.I. No: EIP93091070570

Title: PAPERS: a simple object-oriented text retrieval system

Author: Wade, Stephen

Corporate Source: Univ of Sheffield, Sheffield, Engl

Source: Education for Information v 11 n 1 Mar 1993. p 3-17

Publication Year: 1993

CODEN: EDINEE ISSN: 0167-8329

Language: English

Document Type: JA; (Journal Article) Treatment: G; (General Review); A; (Applications)

Journal Announcement: 9310W5

Abstract: PAPERS is an interactive text retrieval system which has been developed to support the user friendly **creation**, maintenance and

searching of " **personalised** " document collections such as file of reference downloaded from an **online** system. The system is currently used to demonstrate the importance of object-oriented programming techniques in the **design** of interactive software to students of Information science at the Department of Information studies, University of sheffield, To this end, the software has been developed in Turbo Pascal 6 (marked by Borland) **making** use of the language's object oriented tools for programming text-based windows, menus and dialog boxes. The system has the look and feel of a Graphic User Interface (GUI), which is difficult to achieve using traditional programming techniques. The notion of object orientation extends to the way in which the "behind-the-scenes" software has been written-a consequence of this is that the behaviour of the system can be customised by anyone familiar with the convection of Object-Oriented Programming (OOP) used in Turbo Pascal. The search mechanisms in PAPERS are based around the best match retrieval model rather than the more convention, and much more widely used, Boolean approach. Use of the search mechanism means that the interface to PAPERS is very simple; to carry out a search, the user simple enters a query in natural language, and the system rapidly responds to this query with a ranking of the documents in the database. Enquiries about the commercial availability of PAPERS should be made to the author. (Author abstract) 11 Refs.

Descriptors: *Information retrieval systems; Object oriented programming
Identifiers: Interactive text retrieval system PAPERS; Graphic user interface; Match retrieval

Classification Codes:

716.1 (Information & Communication Theory); 723.5 (Computer Applications); 723.1 (Computer Programming)
716 (Radar, Radio & TV Electronic Equipment); 723 (Computer Software)
71 (ELECTRONICS & COMMUNICATIONS); 72 (COMPUTERS & DATA PROCESSING)

14/5/18 (Item 18 from file: 8)

DIALOG(R)File 8: Ei Compendex(R)

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03672030 E.I. No: EIP93071034963

Title: Reaching the world through document delivery

Author: Khalil, Mounir

Corporate Source: New Jersey Inst of Technology, NJ, USA

Conference Title: Proceedings of the 14th National Online Meeting

Conference Location: New York, NY, USA Conference Date: 19930504-19930506

Sponsor: Learned Information, Inc

E.I. Conference No.: 18724

Source: Proceedings - National Online Meeting 1993. Publ by Learned Information Ltd, Medford, NJ, USA. p 233-240

Publication Year: 1993

CODEN: PNOMDR ISSN: 0739-1471 ISBN: 0-938734-73-3

Language: English

Document Type: CA; (Conference Article) Treatment: G; (General Review)

Journal Announcement: 9309W2

Abstract: The microcomputer revolution is shifting access from the printed word in libraries to direct delivery of information to scholars and students. Using document delivery services and transmission **makes** accessing of information easier for library users. Discusses why document delivery is a better option over **customized** electronic **document** delivery system using PC and other computer attachments for transmitting information. Discusses ways of overcoming barriers for sending and receiving information among countries. (Author abstract)

Descriptors: Information dissemination; Libraries; Computer applications; Computer **networks** ; Information retrieval systems; Information services; Data communication systems

Identifiers: Direct information delivery

Classification Codes:

903.4.1 (Libraries)

903.2 (Information Dissemination); 903.4 (Information Services); 723.5 (Computer Applications); 722.4 (Digital Computers & Systems); 903.3 (Information Retrieval & Use)
903 (Information Science); 723 (Computer Software); 722 (Computer Hardware)
90 (GENERAL ENGINEERING); 72 (COMPUTERS & DATA PROCESSING)

14/5/19 (Item 19 from file: 8)

DIALOG(R) File 8: Ei Compendex(R)

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02247121 E.I. Monthly No: EIM8705-031624

Title: **SELF-HELP AIDS FOR END USERS.**

Author: Snow, Bonnie

Corporate Source: Dialog Information Services Inc

Conference Title: National Online Meeting - Proceedings - 1986.

Conference Location: New York, NY, USA Conference Date: 19860506

Sponsor: Online Review, Abingdon, Engl

E.I. Conference No.: 08981

Source: Proceedings - National Online Meeting 1986. Publ by Learned Information Inc, Medford, NJ, USA p 427-431

Publication Year: 1986

CODEN: PNOMDR ISSN: 0739-1471 ISBN: 0-938734-12-1

Language: English

Document Type: PA; (Conference Paper)

Journal Announcement: 8705

Abstract: Many **online** educators, including intermediaries who have recently assumed this role, have commented on the need for **customizing** training material and **documentation** for end users. End users themselves are now writing self-help guides and sharing them with colleagues. Such guides may be seen as a third **generation** of search documentation, **produced** as an interface to longer system manuals and product-oriented database-specific publications. Maintenance of skills is recognized as a serious problem by occasional searchers. Quick-reference outlines of system commands and special database indexing features are needed, along with decision-aids for steps in topic analysis and strategy formulation. This presentation will include examples of such interface documentation and discuss desirable attributes to consider in **designing** end user instructional materials of this type. (Author abstract) 21 refs.

Descriptors: *INFORMATION RETRIEVAL SYSTEMS--*Medical Applications; PERSONNEL TRAINING

Identifiers: INTERMEDIARIES; SEARCH STRATEGY OUTLINE (SSO); END USERS

Classification Codes:

723 (Computer Software); 903 (Information Science); 912 (Industrial Engineering & Management)

72 (COMPUTERS & DATA PROCESSING); 90 (GENERAL ENGINEERING); 91 (ENGINEERING MANAGEMENT)

14/5/20 (Item 20 from file: 8)

DIALOG(R) File 8: Ei Compendex(R)

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02180935 E.I. Monthly No: EI8703023019

Title: **Daugaz, The First International Gas Industry Data Bank Accessible on Line.**

Title: DAUGAZ, PREMIERE BANQUE DE DONNEES GAZIERES INTERNATIONALES ACCESSIBLE EN LIGNE.

Author: Uvodic, Aline; Collomb, Alain

Corporate Source: Gaz de France, Fr

Source: Revue de l'Energie v 37 n 385 Aug-Sep 1986 p 690-695

Publication Year: 1986

CODEN: REEND7 ISSN: 0303-240X

Language: FRENCH; ENGLISH

* Document Type: JA; (Journal Article) Treatment: A; (Applications); N; (Numeric/Statistical)

Journal Announcement: 8703

Abstract: In 1980, the Research and Development Division (DETN) of Gaz de France decided to computerize its documentation system. Two years later the Documentation and Patent Rights Section set the Daugaz bibliographic data bank into operation. **Acquisition** of the document, entry of references, analysis of content and transmittal of references to users constitute the 'documentary chain'. By way of its reference in Daugaz, a document can be consulted by other users who are informed of its existence either during bibliographic information retrieval or through the regularly published bulletins listing the documents included in Daugaz. The **personalized** 'Monthly Document Bulletins' are today sent to 430 users in over a dozen countries. In addition to references, the bulletins contain analyses of all the external documents received each month. 9 refs. In French and English.

Descriptors: DATABASE SYSTEMS; GAS INDUSTRY--France; DATA PROCESSING; COMPUTER SYSTEMS, **DIGITAL** -- **On Line** Operation; INFORMATION RETRIEVAL SYSTEMS-- **Online** Searching; INFORMATION SCIENCE--Abstracting

Identifiers: DETN; DAUGAZ DATA BANK; COMPUTERIZATION; DOCUMENTATION SYSTEMS; PATENTS

Classification Codes:

723 (Computer Software); 522 (Gas Fuels); 512 (Petroleum & Related Deposits); 903 (Information Science); 902 (Engineering Graphics & Standards)

72 (COMPUTERS & DATA PROCESSING); 52 (FUEL TECHNOLOGY); 51 (PETROLEUM ENGINEERING); 90 (GENERAL ENGINEERING)

14/5/21 (Item 21 from file: 8)

DIALOG(R) File 8: Ei Compendex(R)

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02109767 E.I. Monthly No: EIM8608-052357

Title: **AS YOU LIKE IT: ON - LINE DISTRIBUTION OF CUSTOMIZABLE DOCUMENTATION**

Author: Allen, L. Mallory

Corporate Source: IBM Corp, Kingston, NY, USA

Conference Title: Bridging the Present and the Future - Conference Record.

Conference Location: Williamsburg, VA, USA Conference Date: 19851016

Sponsor: IEEE Professional Communication Soc, New York, NY, USA

E.I. Conference No.: 08040

Source: Publ by IEEE, New York, NY, USA. Available from IEEE Service Cent (Cat n 85CH2237-6), Piscataway, NJ, USA p 256-260

Publication Year: 1985

Language: English

Document Type: PA; (Conference Paper)

Journal Announcement: 8608

Abstract: The author presents, as a case history, the development of a **design** for the documentation for a certain project. The final **design** called for documentation to be distributed as formatted soft-copy files, to be shipped to the users as independent modular units. Users would then print the modules they need, and **create** their own customized User's Guide for the project. Although the project's documentation is not used **online**, the author had to deal with many of the problems involved in **online** documentation because of the structure and the soft-copy method of distribution developed.

Descriptors: *INFORMATION DISSEMINATION--*Technical Writing; DATA PROCESSING--Word Processing; COMPUTER SOFTWARE

Identifiers: **CUSTOMIZABLE DOCUMENTATION ; DOCUMENTATION DESIGN ; ONLINE DOCUMENTATION; HARD COPY DOCUMENTATION**

Classification Codes:

903 (Information Science); 723 (Computer Software)

90 (GENERAL ENGINEERING); 72 (COMPUTERS & DATA PROCESSING)

14/5/22 (Item 22 from file: 8)
DIALOG(R)File 8:EI Compendex(R)
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01709140 E.I. Monthly No: EIM8412-099891
Title: INTEGRATED DOCUMENT MANAGEMENT FOR SCIENCE AND ENGINEERING.
Author: Cahn, David, F.
Corporate Source: Database Applications Inc, Redwood City, Calif, USA
Conference Title: 1983 Proceedings of the International Conference on
Systems, Man and Cybernetics. (Volume 2: Delhi.)
Conference Location: Bombay and New Delhi, India Conference Date:
19831229
Sponsor: IEEE Systems, Man & Cybernetics Soc, New York, NY, USA; IEEE,
India Council, Bombay and New Delhi, India
E.I. Conference No.: 05521
Source: Publ by IEEE, New York, NY, USA. Available from IEEE Service Cent
(Cat n 83CH1962-0), Piscataway, NJ, USA p 836-840
Publication Year: 1983
Language: English
Document Type: PA; (Conference Paper)
Journal Announcement: 8412
Descriptors: *DATABASE SYSTEMS
Identifiers: DATABASE **DESIGN** ; ENGINEERING DOCUMENT MANAGEMENT;
SCIENTIFIC DOCUMENT MANAGEMENT; **PERSONALIZED** ACCESS CAPABILITIES; END
USER CONSIDERATIONS; CUSTOMIZED LIBRARY RESEARCH; USER INTERFACE; ARCHIVE
MANAGEMENT; INACTIVE DOCUMENTS; **ON LINE** CROSS REFERENCE CATALOGS;
AUTOMATED COUPLING
Classification Codes:
723 (Computer Software); 901 (Engineering Profession); 912 (Industrial
Engineering & Management)
72 (COMPUTERS & DATA PROCESSING); 90 (GENERAL ENGINEERING); 91
(ENGINEERING MANAGEMENT)

14/5/23 (Item 1 from file: 94)
DIALOG(R)File 94:JICST-EPlus
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04358511 JICST ACCESSION NUMBER: 99A1035502 FILE SEGMENT: JICST-E
Persona: a Framework to provide Adaptive Presentation for Web Documents.
SUZUKI J (1); TASHIRO G (1); ABE Y (1); YAMAMOTO Y (1)
(1) Keio Univ., Yokohama City, Jpn
Joho Shori Gakkai Natsu no Puroguramingu, Shinpojiumu Hokokushu, 1999,
VOL.1998, PAGE.101-108, FIG.6, REF.17
JOURNAL NUMBER: L0461AAE
UNIVERSAL DECIMAL CLASSIFICATION: 681.3.02+
LANGUAGE: English COUNTRY OF PUBLICATION: Japan
DOCUMENT TYPE: Conference Proceeding
ARTICLE TYPE: Short Communication
MEDIA TYPE: Printed Publication
ABSTRACT: The current issue in the web document management is that every
document has only one presentation and/or content across its entire
readership. The important aspect in this issue is how **documents** can
be **customized** context-sensitively. This paper addresses the **document**
customization with the environmental context, and describes how we
can provide the adaptive presentation for HTML documents. We developed
the Persona system, which is a framework allowing to mine an
appropriate presentation in a given context. Persona inspects the
client-side environment information and **generates** an document
presentation. It **makes** it easy to process and distribute them on the
fly. (author abst.)
DESCRIPTORS: **WWW** (communication); presentation system; customizing;
document management; context; adaptive system; system **design** ;
packaging **design** ; authoring system

BROADER DESCRIPTORS: information system; computer application system;
system; modification; documentation; information management; management
; **design**
CLASSIFICATION CODE(S): JE15050M

14/5/24 (Item 2 from file: 94)
DIALOG(R)File 94:JICST-EPlus
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03999493 JICST ACCESSION NUMBER: 99A0184496 FILE SEGMENT: JICST-E
New Generation Database Technologies. WebDB Hypermedia Database System.
LIW-S (1); WU Y-L (1); SHIM J (1); HIRATA K (1); MUKHERJEA S (1); AGRAWAL D
(1); HARA Y (1); ITO R (2); SAITO Y (2)
(1) Nec Usa, Inc., Ca, Usa; (2) Nec Corp., Tokyo, Jpn
IEICE Trans Inf Syst(Inst Electron Inf Commun Eng), 1999, VOL.E82-D,NO.1,
PAGE.266-277, FIG.15, REF.17
JOURNAL NUMBER: L1371AAJ ISSN NO: 0916-8532
UNIVERSAL DECIMAL CLASSIFICATION: 681.3:061.68 681.3:654
LANGUAGE: English COUNTRY OF PUBLICATION: Japan
DOCUMENT TYPE: Journal
ARTICLE TYPE: Original paper
MEDIA TYPE: Printed Publication
ABSTRACT: The Web is a collection of multimedia documents in the form of
HTML pages connected through hyperlinks. Unlike most search engines,
which focus on information retrieval based on keywords, WebDB aims at
supporting database-like comprehensive query functionalities as well
navigation, and **document generation** functionalities with
customizability. To support hypermedia database functionalities, we
augment the traditional concepts of tables in relational databases and
classes in objectoriented databases with notions of document formats
and navigation. We **design** WQL (Web Query Language) as an HTML
document manipulation language. WQL language statements contain two
parts: SELECT FROM WHERE clauses for specifying retrieval of data
contents from hypermedia databases and **CREATE** AS clauses for
specifying the output HTML format and navigation of the query results.
This paper presents the architecture of WebDB and its functionalities.
The extension to SQL for hypermedia document manipulation, query, and
navigation and implementation on NEC PERCIO OODBMS are described in
detail. (author abst.)
DESCRIPTORS: **www** (communication); hyper-media; database; hypertext;
document; query processing; object-oriented database; relational data
base; SQL(software); query language; information retrieval; routing
BROADER DESCRIPTORS: information system; computer application system;
system; information media; data structure; structure;
resource(document); information processing; treatment; application
oriented language; programming language; formal language; language;
retrieval; selection; communication operation; operation(processing)
CLASSIFICATION CODE(S): JD03030U; JC03000K

14/5/25 (Item 3 from file: 94)
DIALOG(R)File 94:JICST-EPlus
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03471840 JICST ACCESSION NUMBER: 98A0097530 FILE SEGMENT: JICST-E
Digital Document Customizing **System Using Virtual Multimedia Objects.**
HARADA MASANORI (1); HOCHIN TERUHISA (1); NAKATA MITSURU (1); TSUJI TATSUO
(1)
(1) Fukui Univ., Fac. of Eng.
Joho Shori Gakkai Kenkyu Hokoku, 1997, VOL.97,NO.106(FI-48), PAGE.67-74,
FIG.4, REF.9
JOURNAL NUMBER: Z0031BAO ISSN NO: 0919-6072
UNIVERSAL DECIMAL CLASSIFICATION: 681.3.002+ 025 65.011.5!
LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan

DOCUMENT TYPE: Journal
ARTICLE TYPE: Original paper
MEDIA TYPE: Printed Publication

ABSTRACT: The **digital** library has been studied and developed as one of the next **generation** information systems. In the **digital** library, **creating** original documents by taking out parts of various books, converting data formats, and filling out memo are required. A **digital document customizing** system(DDCS) has been constructed by using virtual multimedia objects(VMOs). Here, a VMO is a part of multimedia data, the object **created** by some operation, or the one with the specific data. We clarify that the construction cost of the DDCS can be reduced by using the VMO system, and the performance overhead in using the VMO system can be ignored in the real application. (author abst.)

DESCRIPTORS: multi-media; library service; library; object oriented programming; image; modification; object-oriented language; C language; electronic library; customizing; C++ language

BROADER DESCRIPTORS: information media; information service; service; computer programming; programming language; formal language; language; high level language

CLASSIFICATION CODE(S): JE14000C; AC09020N

14/5/26 (Item 4 from file: 94)

DIALOG(R)File 94:JICST-EPlus

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03414380 JICST ACCESSION NUMBER: 98A0087251 FILE SEGMENT: JICST-E
Meeting Support Regarding Access Rights in Collaborative Hypermedia System: VIEW Media.

NAKAMURA TATSUYA (1); YOKOTA YUSUKE (1); TARUMI HIROYUKI (1); KANBAYASHI YAHIKO (1)

(1) Kyoto Univ., Graduate School

Joho Shori Gakkai Kenkyu Hokoku, 1997, VOL.97,NO.105(GW-25), PAGE.25-30, FIG.6, REF.6

JOURNAL NUMBER: Z0031BAO ISSN NO: 0919-6072

UNIVERSAL DECIMAL CLASSIFICATION: 681.3.02+ 681.51:007.51

LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan

DOCUMENT TYPE: Journal

ARTICLE TYPE: Original paper

MEDIA TYPE: Printed Publication

ABSTRACT: Most of the conventional electric conference systems provide the same documents for all the participants. However, the provisions of **personalizable documents** is essential in **order** to define each users' rights to access shared documents. A non-WYSIWIS based conference system has to offer a mechanism to provide access rights information on other participants. In this article, the authors describe requirements in the meeting support regarding access rights of shared documents and propose the user interface for the collaborative hypermedia system: VIEW Media, which allows users to **personalize** shared **documents** in the distributed meeting. Some problems which arise in using this interface are also mentioned. (author abst.)

DESCRIPTORS: groupware; user interface; teleconference; distributed processing; hyper-media; access control; computer **network** ; human interface; information system; image processing system; distributed coordination; cooperative work; presentation system

BROADER DESCRIPTORS: application program; computer program; software; interface; conference; treatment; information media; control; communication **network** ; information **network** ; **network** ; computer application system; system

CLASSIFICATION CODE(S): JE15050M; IB03000G

14/5/27 (Item 5 from file: 94)

DIALOG(R)File 94:JICST-EPlus

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03008749 JICST ACCESSION NUMBER: 96A0769824 FILE SEGMENT: JICST-E
**Multimedia on Demand. Information on Demand on Nomadic Collaboration
Support System.**

MURAI S (1); SUGIKAWA A (1)

(1) Toshiba Kansai Res. Lab., Kobe-shi, JPN

IEICE Trans Commun(Inst Electron Inf Commun Eng), 1996, VOL.E79-B,NO.8,
PAGE.1083-1085, FIG.3, REF.6

JOURNAL NUMBER: L1369AAW ISSN NO: 0916-8516

UNIVERSAL DECIMAL CLASSIFICATION: 681.3:654 681.3.02

LANGUAGE: English COUNTRY OF PUBLICATION: Japan

DOCUMENT TYPE: Journal

ARTICLE TYPE: Short Communication

MEDIA TYPE: Printed Publication

ABSTRACT: The use of high-performance portable computers has become widespread. It is expected that many people will carry large amounts of multimedia information in these portable computers. In face-to-face communication, however, few systems are capable of exchanging multimedia information. Previously, we developed the Nomadic Collaboration Support System, which supports face-to-face communication through conversation and the distribution of documents. The system **makes** it possible for each participant in face-to-face communication to distribute electronic documents to other participants and edit them synchronously. However, it is often impossible for participants to obtain suitable amounts of information during face-to-face communication because of the difficulty in **tailoring the documents** for each participant. In this paper, we propose a technique to exchange hypertext documents on the Nomadic Collaboration Support System, which will allow each participant to obtain the most suitable amount of information possible from the distributor without his **tailoring documents** for each participant. (author abst.)

DESCRIPTORS: hypertext; personal computer; hand-held type; information exchange; computer **network** ; search problem; word processing; information service; interactive processing; computer application; user ; computer architecture; OSI protocol; end user computing; system architecture; **network** architecture

BROADER DESCRIPTORS: data structure; structure; **digital** computer; computer; hardware; portable type; type; exchange; communication **network** ; information **network** ; **network** ; problem; utilization; information processing; treatment; service; computer system(architecture); method; protocol; rule

CLASSIFICATION CODE(S): JC03000K; JE15010U

14/5/28 (Item 6 from file: 94)

DIALOG(R)File 94:JICST-EPlus

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00629139 JICST ACCESSION NUMBER: 88A0347649 FILE SEGMENT: JICST-E
Implementation of the 4th generation language LINC under UNIX.

SASAKI MASAKAZU (1)

(1) Nihon'yunishisu

Unisys Giho(Unisys Technology Review), 1988, VOL.8,NO.1, PAGE.107-124,
FIG.9, TBL.2, REF.12

JOURNAL NUMBER: X0729ABO ISSN NO: 0914-9996

UNIVERSAL DECIMAL CLASSIFICATION: 681.3:061.68

LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan

DOCUMENT TYPE: Journal

ARTICLE TYPE: Commentary

MEDIA TYPE: Printed Publication

ABSTRACT: This is a description of how to implement LINC system on 5000/70 which is the UNIX system. LINC (Logic and Information **Network** Compiler) is the 4th **generation** language, which is very popular under existing operating system (MCP) on UNISYS A/B/V series. This paper describes the major components of LINC on 5000/70 shown below;

1) Compile time system 2) Run time system 3) Database control and recovery system 4) Utilities 5) Interface with other system 6) **Security** 7) **Customize** of CENTIX kernel 8) System development and operation Data control system which was developed as a database management system of LINC, is a complex one with 5 processes, provides very significant recovery functions for its business usage. LINC is able to contribute to software productivity and quality improvement. The implementation of LINC on UNIX which is very popular, will be significant in the proliferation of 4th **generation** languages.(author abst.)

DESCRIPTORS: DBMS; software specification; programmable controller; file processing; data structure; system interface; simulation model

BROADER DESCRIPTORS: computer application system; system; specification; control equipment; equipment; treatment; structure; interface; model

CLASSIFICATION CODE(S): JD03030U

14/5/29 (Item 1 from file: 6)

DIALOG(R) File 6:NTIS

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2070978 NTIS Accession Number: AD-A341 530/4/XAB

Management System for Heterogeneous Networks (MSHN) Security Analysis
(Master's thesis)

English, J. P.

Naval Postgraduate School, Monterey, CA.

Corp. Source Codes: 019895000; 251450

Sep 97 107p

Languages: English Document Type: Thesis

Journal Announcement: GRAI9815

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NTIS Prices: PC A07/MF A02

Country of Publication: United States

A team of interdisciplinary experts funded by DARPA is in the process of developing a Resource Management System termed MSHN (a Management System for Heterogeneous **Networks**). MSHN's primary function is to accept a sequence of jobs, and intelligently determine what jobs should be executed on which machines and when. It is designed to take both machine affinity and loads into account, thus providing superior performance and Quality of Service (QoS). The current prototype of MSHN does not provide protection against the threats of inadvertent disclosure and corruption of sensitive information and resources. A rigorous security analysis of MSHN is the first step required to successfully incorporate security into the MSHN project. The approach taken was to analyze MSHN's architecture, information flow diagrams and user interfaces and explain how fundamental security concepts may be applied to MSHN. By exercising the MSHN simulator, this work was able to expose many security weaknesses and outline conceivable methods of exploitation. As a result of this effort, a **security** policy **tailored** to MSHN is proposed, a functional breakout process based on the principle of least privilege between common user interface capabilities and administration capabilities is provided, and finally **design** recommendations for the incorporation of security into MSHN are presented.

Descriptors: Management information systems; *Data processing security; *Computer **networks**; Data management; Information exchange; Distributed data processing; Theses; Scheduling; Systems analysis

Identifiers: Qos(Quality of service); Mshn(Management system for heterogeneous **networks**); NTISDODXA

Section Headings: 62GE (Computers, Control, and Information Theory--General); 62D (Computers, Control, and Information Theory--Information Processing Standards); 70C (Administration and Management--Management Information Systems)

* 14/5/30 (Item 2 from file: 6)
DIALOG(R)File 6:NTIS
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1996159 NTIS Accession Number: PB97-139224

SGML Application Development: Tradeoffs and Choices

(Final rept)

Lubell, J. ; Phillips, L. M.

National Inst. of Standards and Technology (MEL), Gaithersburg, MD.
Manufacturing Systems Integration Div.

Corp. Source Codes: 101975011

1996 12p

Languages: English Document Type: Journal article

Journal Announcement: GRAI9710

Pub. in SGML '96 Conference Proceedings, Boston, MA., November 18-21,
1996, p567-578.

NTIS Prices: Not available NTIS

Country of Publication: United States

Developing SGML applications involves **making** choices driven by end user requirements and by the availability and functionality of third party SGML parsers, authoring tools, search engines, browsers, and data converters. Capabilities of HTML and the **World Wide Web** should factor into these decisions as well as users are geographically dispersed or have diverse computing platforms SGML application developers typically build some or all of the following components: a DTD; legacy data conversion tools; a DTD-**tailored** authoring environment; a **document** repository; browsing and searching interfaces; and tools for **producing** formatted output. For each component, we discuss **design** and implementation alternatives, the approach we decided to use in building our SGML environment for authoring and accessing STEP product data exchange standards, and our rationale for choosing that approach.

Descriptors: *Data converters; *Application; Data processing; Formats; Standards; Indexing; Reprints

Identifiers: *SGML(Standard Generalized Markup Language); *Standard Generalized Markup Language; STEP(Standard for the Exchange of Product Model Data); DTD(Document Type Definition); HTML(Hypertext Markup Language); Search engines; Authoring; NTISCOMNBS

Section Headings: 62B (Computers, Control, and Information Theory--Computer Software)

14/5/31 (Item 3 from file: 6)
DIALOG(R)File 6:NTIS
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1843386 NTIS Accession Number: AD-A285 443/8

Trends in C3 System Technology

Fairs, K.

Defence Science and Technology Organization, Melbourne (Australia).

Corp. Source Codes: 109716000; 428692

Sponsor: Department of Defence, Canberra (Australia).

Report No.: DSTO-TR-0002; DODA-AR-008-908

Jul 94 112p

Languages: English

Journal Announcement: GRAI9503

Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

NTIS Prices: PC A06/MF A02

Country of Publication: Australia

This paper gives an overview of technologies considered pertinent to Command, Control and Communications (C3) systems within the next 15 years. The style of the **document** is **tailored** deliberately for the non-specialist community. The report draws primary from research being

conducted within Defense Science and Technology Organization (DSTO), and mentions significant world trends. The report discusses significant near-term issues influencing C3 system **design**. It proposes the functionality and architecture for a future C3 system, and then maps the technologies which could support migration to such a proposed future C3 system. Command and control, Communications **Networks**, C3 Architecture, C3 Systems.

Descriptors: Command control communications; Architecture; Communications **networks**

Identifiers: *Foreign technology; NTISDODXA

Section Headings: 74G (Military Sciences--Military Operations, Strategy, and Tactics); 45C (Communication--Common Carrier and Satellite)

14/5/32 (Item 1 from file: 34)

DIALOG(R)File 34:SciSearch(R) Cited Ref Sci

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10440702 Genuine Article#: BT84M Number of References: 16

Title: CardKt: Automated multi-modal deduction on Java cards for multi-application security

Author(s): Gore R (REPRINT) ; Nguyen LD

Corporate Source: Australian Natl Univ, Inst Adv Studies, Comp Sci Lab, Automated Reasoning Grp, Canberra/ACT 0200/Australia/ (REPRINT); Australian Natl Univ, Inst Adv Studies, Comp Sci Lab, Automated Reasoning Grp, Canberra/ACT 0200/Australia/; Australian Natl Univ, The Faculties, Dept Comp Sci, Formal Methods Grp, Canberra/ACT/Australia/ , 2001, V2041, P38-51

ISSN: 0302-9743 Publication date: 20010000

Publisher: SPRINGER-VERLAG BERLIN, HEIDELBERGER PLATZ 3, D-14197 BERLIN, GERMANY
JAVA ON SMART CARDS: PROGRAMMING AND SECURITY

Series: LECTURE NOTES IN COMPUTER SCIENCE

Language: English Document Type: ARTICLE

Geographic Location: Australia

Journal Subject Category: COMPUTER SCIENCE, THEORY & METHODS

Abstract: We describe an implementation of a Java program to perform automated deduction in propositional multi-modal logics on a Java smart card. The tight space limits of Java smart cards **make** the implementation non-trivial. A potential application is to ensure that applets down-loaded off the **internet** conform to **personalised security** permissions stored on the Java card using a security policy encoded in multi-modal logic. In particular, modal logic may be useful to ensure that previously checked "trust" relationships between pre-existing multiple applets on a Java card are not broken by the addition of a new applet. That is, by using multi-modal logic to express notions of permissions and obligations, we can turn the security check into an on-board theorem proving task. Our theorem prover itself could be down-loaded "just in time" to perform the check, and then deleted to free up space on the card once the check has been completed. Our work is thus a "proof of principle" for the application of formal logic to the security of multi-application Java cards.

Descriptors--Author Keywords: security of multi-application smart cards ; applications of logics of knowledge and belief ; modal theorem proving ; tense logics

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14/5/33 (Item 2 from file: 34)

DIALOG(R) File 34:SciSearch(R) Cited Ref Sci
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10330084 Genuine Article#: 513BX Number of References: 32

Title: **A personalized information environment for digital libraries**

Author(s): Jayawardana C (REPRINT) ; Hewagamage KP; Hirakawa M

Corporate Source: Hiroshima Univ, Fac Engrn, Informat Syst Lab, Hiroshima
730//Japan/ (REPRINT); Hiroshima Univ, Fac Engrn, Informat Syst
Lab, Hiroshima 730//Japan/

Journal: INFORMATION TECHNOLOGY AND LIBRARIES, 2001, V20, N4 (DEC), P
185-196

ISSN: 0730-9295 Publication date: 20011200

Publisher: AMER LIBRARY ASSOC, 50 E HURON ST, CHICAGO, IL 60611 USA

Language: English Document Type: ARTICLE

Geographic Location: Japan

Journal Subject Category: COMPUTER SCIENCE, INFORMATION SYSTEMS

Abstract: A **digital** library provides one of the most important

information environments in which to retrieve and refer to appropriate
information directly **online**. Different library users will have
different personal requirements and interests in the use of library
materials. Hence, personalization is an essential service that should
be provided to users to allow them to **create** their own personalized
information environments..Two stages, material personalization and
collection personalization, are discussed. In material personalization,
library users can **create customized** views, called personal
documents, in the form of virtual **documents**. In collection
personalization, these personal **documents** are used to **generate** the
profiles that describe the user's working context and interests. The
main purpose is to provide a personalized view in the usage as well as
the organization of **digital** library materials. In this paper, we
describe three skills, active reading, personalized retrieval, and
personalized filtering, which are considered essential to construct a
personalized information environment in the **digital** library.

Identifiers--Keyword Plus(R): RETRIEVAL

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14/5/34 (Item 3 from file: 34)

DIALOG(R)File 34:SciSearch(R) Cited Ref Sci
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09879874 Genuine Article#: 461FG Number of References: 22

Title: Personalized **web-** document **filtering using reinforcement learning**

Author(s): Zhang BT (REPRINT) ; Seo YW

Corporate Source: Seoul Natl Univ, Sch Comp Sci & Engrn, Biointelligence
 Lab, Seoul 151742//South Korea/ (REPRINT); Seoul Natl Univ, Sch Comp Sci
 & Engrn, Biointelligence Lab, Seoul 151742//South Korea/

Journal: APPLIED ARTIFICIAL INTELLIGENCE, 2001, V15, N7 (AUG), P665-685

ISSN: 0883-9514 **Publication date:** 20010800

Publisher: TAYLOR & FRANCIS INC, 325 CHESTNUT ST, SUITE 800, PHILADELPHIA,
 PA 19106 USA

Language: English **Document Type:** ARTICLE

Geographic Location: South Korea

Journal Subject Category: COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE;
 ENGINEERING, ELECTRICAL & ELECTRONIC

Abstract: Document filtering is increasingly deployed in Web environments
 to reduce information overload of users. We formulate **online**
 information filtering as a reinforcement learning problem, i.e., TD(0).
 The goal is to learn user profiles that best represent information
 needs and thus maximize the expected value of user relevance feedback.
 A method is then presented that **acquires** reinforcement signals
 automatically by estimating user's implicit feedback from direct
 observations of browsing behaviors. This "learning by observation"
 approach is contrasted with conventional relevance feedback methods
 which require explicit user feedbacks. Field tests have been performed
 that involved 10 users reading a total of 18,750 HTML documents during
 45 days. Compared to the existing document filtering techniques, the
 proposed learning method showed superior performance in information
 quality and adaptation speed to user preferences in **online** filtering.

Identifiers--KeyWord Plus(R): **WORLD - WIDE - WEB ; RETRIEVAL; PROFILES**

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14/5/35 (Item 4 from file: 34)

DIALOG(R)File 34:SciSearch(R) Cited Ref Sci
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06958909 Genuine Article#: 108TW Number of References: 9

Title: Beyond the media: Knowledge level interaction and guided integration for CBL systems

Author(s): Ravenscroft A (REPRINT) ; Tait K; Hughes I

Corporate Source: UNIV LEEDS,COMP BASED LEARNING UNIT/LEEDS LS2 9JT/W

YORKSHIRE/ENGLAND/ (REPRINT); UNIV LEEDS,DEPT PHARMACOL/LEEDS LS2 9JT/W
YORKSHIRE/ENGLAND/

Journal: COMPUTERS & EDUCATION, 1998, V30, N1-2 (JAN-FEB), P49-56

ISSN: 0360-1315 Publication date: 19980100

Publisher: PERGAMON-ELSEVIER SCIENCE LTD, THE BOULEVARD, LANGFORD LANE,
KIDLINGTON, OXFORD OX5 1GB, ENGLAND

Language: English Document Type: ARTICLE

Geographic Location: ENGLAND

Subfile: CC SOCS--Current Contents, Social & Behavioral Sciences;

Journal Subject Category: COMPUTER SCIENCE, INTERDISCIPLINARY APPLICATIONS

Abstract: A pragmatic approach to **designing** computer based learning (CBL) environments that properly integrate with curricula, evolve as both the system requirements and curricula change and, perhaps more significantly, support additional and enhanced learning activities has been developed. The General-Purpose Integrated Learning Support (G-PILS) system is a tool-kit and "shell" that **creates** course/module specific learning support systems to manage the integration of courseware in a range of knowledge media (e.g. games, tutorial packages, simulations, electronic **documents** , interactive presentations) within **tailored** environments. The findings from a 2-year integrative evaluation of three such systems in pharmacology **produced** some intriguing results. One surprising and significant finding was that students valued **on - line** lecture notes delivered as word processor documents more than sophisticated tutorial courseware, because their contents could be modified and they could be used in multiple ways. The interpretation argued for here is that knowledge media should allow students to properly interact with the knowledge in the media (knowledge level interaction), thus enabling them to tailor knowledge representations to fit into their individual study habits. Further, as more knowledge media are used in curricula, it is argued that learners need instructional guidance about integrating them within their wider learning activities (guided integration). (C) 1998 Elsevier Science Ltd. All rights reserved.

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14/5/36 (Item 5 from file: 34)

DIALOG(R)File 34:SciSearch(R) Cited Ref Sci
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06698409 Genuine Article#: ZL376 Number of References: 25

Title: Intervention to improve physician documentation and knowledge of child sexual abuse: A randomized, controlled trial
Author(s): Socolar RRS (REPRINT) ; Raines B; ChenMok M; Runyan DK; Green C; Paterno S
Corporate Source: UNIV N CAROLINA, DEPT PEDIAT, CTR HLTH PROMOT & DIS PREVENT/CHAPEL HILL//NC/27599 (REPRINT); CHILD MED EVALUAT PROGRAM, /CHAPEL HILL//NC/
Journal: PEDIATRICS, 1998, V101, N5 (MAY), P817-824
ISSN: 0031-4005 **Publication date:** 19980500
Publisher: AMER ACAD PEDIATRICS, 141 NORTH-WEST POINT BLVD, ELK GROVE VILLAGE, IL 60007-1098
Language: English **Document Type:** ARTICLE
Geographic Location: USA
Subfile: CC LIFE--Current Contents, Life Sciences; CC CLIN--Current Contents, Clinical Medicine;
Journal Subject Category: PEDIATRICS

Abstract: Objective. To determine if written feedback improves the chart documentation and knowledge of physicians doing evaluations for child sexual abuse and to learn what other factors are associated with better documentation and knowledge.

Design . Randomized, controlled trial.

Setting. A statewide **network** of physicians performing child abuse evaluations.

Participants. All physicians who performed evaluations for sexual abuse during 1991 to 1992. One hundred forty-seven physicians were randomized to control (n = 75) and intervention (n = 72) groups, 122 (83%) remained at follow-up, and 87 of the 122 (71%) had done evaluations for child sexual abuse.

Interventions. Tailored written feedback based on chart reviews and relevant articles were sent to a randomly selected one-half of the physicians during a 9-month period.

Main Outcome Measures. The quality of documentation and physician knowledge before and after the intervention.

Results. Documentation by chart review of up to five randomly chosen records per physician (preintervention, n = 552; postintervention, n = 259) by reviewers blinded to intervention status and physician knowledge was assessed by survey (78% completion). Change in documentation and knowledge for physicians in the intervention group was not statistically significant compared with the control group. The risk ratio for a mean overall history rating of excellent/good was 0.89 (0.63, 1.25) and for a mean overall physical examination rating of excellent/good was 1.03 (0.73, 1.45). Both groups improved significantly during the time period. The largest improvements in the time period were in documenting the history of where abuse occurred, in the physical examination position, hymenal description, penile findings, and knowing that chlamydia infection should be assessed by culture. A structured medical record, female physicians, and credits in continuing medical education were associated with better **documentation**

Conclusions. **Tailored** feedback to the physician with directed educational materials did not seem to improve most aspects of documentation and knowledge of child sexual abuse, although notable improvement was seen during the time period studied. This study suggests that chart audits may not be the best use of resources for trying to improve physician behavior; credits in continuing medical education and use of structured records may be more likely to be beneficial.

Descriptors--Author Keywords: child abuse and neglect ; continuing medical education ; documentation ; physician knowledge ; randomized trial

File 2:INSPEC 1969-2003/Aug W1
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 File 35:Dissertation Abs Online 1861-2003/Jul
 (c) 2003 ProQuest Info&Learning
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 (c) 2003 The HW Wilson Co.
 File 233:Internet & Personal Comp. Abs. 1981-2003/Jul
 (c) 2003, EBSCO Pub.
 File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
 (c) 2002 The Gale Group
 File 474:New York Times Abs 1969-2003/Aug 13
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 (c) 2003 The New York Times

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Set	Items	Description
S1	68	(CUSTOMIZ? OR CUSTOMIS? OR PERSONALIZ? OR PERSONALIS? OR T-AILOR?) (3N) (ID OR IDS OR IDENTIFICATION?)
S2	531	(CUSTOMIZ? OR CUSTOMIS? OR PERSONALIZ? OR PERSONALIS? OR T-AILOR?) (3N) (DOCUMENT? ? OR DOCUMENTATION? OR SECURITY?)
S3	323	(CUSTOMIZ? OR CUSTOMIS? OR PERSONALIZ? OR PERSONALIS? OR T-AILOR?) (3N) (LICENS? OR BADGE? OR CERTIFICAT? OR CARD OR CARDS OR PASSPORT?)
S4	4041697	GENERAT? OR CREAT? OR DESIGN? ? OR DESIGNING? OR PRODUCE? ? OR PRODUCING OR MAKE? ? OR MAKING
S5	5818008	S4 OR ORDER? ? OR ORDERING OR PURCHAS? OR ACQUI? OR BUY? OR BOUGHT OR TRANSACTION?
S6	1668238	NETWORK? OR INTERNET OR WEBSITE? OR WEBPAGE? OR WEB() (SITE? OR PAGE?) OR WWW OR WORLDWIDEB OR WORLD()WIDE()WEB OR ONLI-NE OR ON()LINE OR DIGITAL? OR DIGITI?
S7	33	S1 AND S5
S8	11	S7 AND S6
S9	10	RD (unique items)
S10	89	S2(5N)S5
S11	9	S10(5N)S6
S12	9	S11 NOT S9
S13	8	RD (unique items)
S14	59	S3(5N)S5
S15	4	S14(5N)S6
S16	4	S15 NOT (S9 OR S13)
S17	4	RD (unique items)

9/5/1 (Item 1 from file: 2)

DIALOG(R)File 2:INSPEC

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6664914 INSPEC Abstract Number: B2000-09-6250F-044, C2000-09-5620L-024

Title: PicoRodio supports ad hoc ultra-low power wireless networking

Author(s): Rabaey, J.M.; Ammer, M.J.; da Silva, J.L., Jr.; Patel, D.; Roundy, S.

Author Affiliation: Dept. of Electr. Eng. & Comput. Sci., California Univ., Berkeley, CA, USA

Journal: Computer vol.33, no.7 p.42-8

Publisher: IEEE Comput. Soc,

Publication Date: July 2000 Country of Publication: USA

CODEN: CPTRB4 ISSN: 0018-9162

SICI: 0018-9162(200007)33:7L:42:PSUP;1-K

Material Identity Number: C125-2000-007

U.S. Copyright Clearance Center Code: 0018-9162/2000/\$10.00

Language: English Document Type: Journal Paper (JP)

Treatment: Practical (P)

Abstract: Technology advances have made it conceivable to build and deploy dense wireless **networks** of heterogeneous nodes collecting and disseminating wide ranges of environmental data. Applications of such sensor and monitoring **networks** include smart homes equipped with security, **identification**, and **personalization** systems; intelligent assembly systems; warehouse inventory control; interactive learning toys; and disaster mitigation. The opportunities emerging from this technology give rise to new definitions of distributed computing and the user interface. Crucial to the success of these ubiquitous **networks** is the availability of small, lightweight, low-cost **network** elements, which the authors call PicoNodes. The authors present a configurable architecture that enables these opportunities to be efficiently realized in silicon. They believe that this energy-conscious system **design** and implementation methodology will lead to radio nodes that are two **orders** of magnitude more efficient than existing solutions. (6 Refs)

Subfile: B C

Descriptors: mobile computing; picocellular radio; wireless LAN

Identifiers: PicoRodio; ad hoc ultra low power wireless **networking**; technology advances; dense wireless **networks**; heterogeneous nodes; environmental data; monitoring **networks**; smart homes; personalization systems; intelligent assembly systems; warehouse inventory control; interactive learning toys; disaster mitigation; distributed computing; user interface; ubiquitous **networks**; **network** elements; configurable architecture; energy-conscious system **design**; implementation methodology; radio nodes

Class Codes: B6250F (Mobile radio systems); B6210L (Computer communications); C5620L (Local area networks); C6150N (Distributed systems software)

Copyright 2000, IEE

9/5/2 (Item 2 from file: 2)

DIALOG(R)File 2:INSPEC

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6440125 INSPEC Abstract Number: B2000-01-7210G-003

Title: Anti-aliasing analog low pass filter transfer function parametric spectral estimation for digital compensation

Author(s): D'Antona, G.; di Rienzo, L.D.; Ottoboni, R.

Author Affiliation: Dipt. di Elettrotecnica, Politecnico di Milano, Italy

Conference Title: IMTC/99. Proceedings of the 16th IEEE Instrumentation and Measurement Technology Conference (Cat. No.99CH36309) Part vol.2 p.1305-9 vol.2

Editor(s): Piuri, V.; Savino, M.

Publisher: IEEE, Piscataway, NJ, USA

Publication Date: 1999 Country of Publication: USA 3 vol.xl+1937 pp.

. ISBN: 0 7803 5276 9 Material Identity Number: XX-1999-01886
U.S. Copyright Clearance Center Code: 0 7803 5276 9/99/\$10.00
Conference Title: IMTC/99. Proceedings of the 16th IEEE Instrumentation
and Measurement Technology Conference. Measurements for the New Millennium
Conference Sponsor: IEEE Instrum. & Meas. Soc
Conference Date: 24-26 May 1999 Conference Location: Venice, Italy
Language: English Document Type: Conference Paper (PA)
Treatment: Theoretical (T); Experimental (X)

Abstract: In **digital acquisition** systems, the software procedures for the compensation of the real behaviour of the anti-aliasing filter represents an efficient way to the achievement of a better accuracy at a lower price. The critical point in these post-processing methodologies is represented by the need of a dedicated high-accuracy test signal **generator**, that does not match with the industrial environment requirements. In the paper, the use of a square waveform as a test signal has been investigated. This signal can be easily **generated** by the **acquisition** system itself, in a very cheap way, with a proper accuracy level. A well- **tailored identification** procedure has been developed able to fully exploit the information carried out by the test signal, in **order** to achieve a better identification of the anti-aliasing filter. The software simulations performed give a clear evidence of the correctness of the proposed method.
(10 Refs)

Subfile: B

Descriptors: antialiasing; compensation; data **acquisition**; low-pass filters; parameter estimation; spectral analysis; transfer functions

Identifiers: antialiasing analog low pass filter; filter transfer function; parametric spectral estimation; **digital** compensation; **digital acquisition** systems; post-processing methodologies; square waveform test signal; identification procedure; data **acquisition** systems; measurement applications

Class Codes: B7210G (Data acquisition systems); B7220 (Signal processing and conditioning equipment and techniques); B1270 (Filters and other networks)

Copyright 1999, IEE

9/5/3 (Item 3 from file: 2)

DIALOG(R) File 2:INSPEC

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5789020 INSPEC Abstract Number: B9802-6130-009, C9802-5260S-007

Title: **Text-independent speaker identification using a hybrid neural network**

Author(s): Ouzounov, A.P.

Author Affiliation: Inst. for Inf. Technol., Sofia, Bulgaria

Journal: Problemy na Tekhnicheskata Kibernetika i Robotikata vol.44
p.28-35

Publisher: Bulgarian Acad. Sci,

Publication Date: 1996 Country of Publication: Bulgaria

CODEN: PTKRDU ISSN: 0204-9848

SICI: 0204-9848(1996)44L:28:TISI;1-4

Material Identity Number: C529-97001

Language: Bulgarian Document Type: Journal Paper (JP)

Treatment: Practical (P); Theoretical (T)

Abstract: Concerns a neural speaker **identification** system in which **personalized** neural model for each known speaker is used. This personalized neural model has an active output for speech associated with a single given speaker and an inactive response for the speech of other people. It is necessary to use for each speaker a hidden layer with more than 100 neurons on it. This increases training time and also **makes** a local minimum more likely. It also necessitates more data for training. A hybrid neural **network** that consists of Kohonen map and multilayer perceptron is described. This hybrid **network** is proposed for text-independent speaker identification over telephone channels. Each speaker known to the system has hybrid personalized neural **network** which

is trained to be active for only his speech. In the hybrid **network** the Kohonen map as a feature extractor is used. The map is partitioned into a set of overlapping fields. The novel idea here is that the input vectors for hidden layer neurons are histograms obtained in map fields. These histograms are estimated based on the speaker's reference probability for each winner neuron in the personalized hybrid model. In such a case the input vector for each neuron in hidden layer directly approximates the input statistical space in the corresponding local field. (11 Refs)

Subfile: B C

Descriptors: multilayer perceptrons; self-organising feature maps; speaker recognition

Identifiers: text-independent speaker identification; hybrid neural **network** ; training time; local minimum; Kohonen map; multilayer perceptron; telephone channels

Class Codes: B6130 (Speech analysis and processing techniques); C5260S (Speech processing techniques); C1250C (Speech recognition); C1230D (Neural nets); C5290 (Neural computing techniques)

Copyright 1998, IEE

9/5/4 (Item 4 from file: 2)

DIALOG(R) File 2:INSPEC

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4840319 INSPEC Abstract Number: C9501-7120-012

Title: A neural network expert system for international currency option trading

Author(s): Quah, T.S.; Tan, C.L.; Srinivasan, B.; Teh, H.H.

Author Affiliation: Dept. of Inf. Syst. & Comput. Sci., Nat. Univ. of Singapore, Singapore

p.125-30

Editor(s): Rowles, C.; Liu, H.; Foo, N.

Publisher: World Scientific, Singapore

Publication Date: 1993 Country of Publication: Singapore xvi+458 pp.

ISBN: 981 02 1526 6

Conference Title: Proceedings of the 6th Australian Joint Conference on Artificial Intelligence

Conference Date: 16-19 Nov. 1993 Conference Location: Melbourne, Vic., Australia

Language: English Document Type: Conference Paper (PA)

Treatment: Applications (A); Practical (P); Theoretical (T)

Abstract: Everyday, the international currency market weathers all forms of worldwide current affairs and governmental economics statistics releases. Such news may cause slight ripples on the exchange rate, or they may blow up extensive fluctuations in demands and supplies for major currencies. In the past, foreign exchange traders depend heavily on their experience and gut feelings when they transact. The emergence of neural-**network** based expert systems has overcome much of the brittleness problems faced by rule-based technology, and has become a viable tool for supporting such strategic decision makings. Besides being more flexible, such as having learning capability, these systems can also handle the fuzziness and biasness of human decision processes. Furthermore, through **making** the edge weights on the neural **network** a function of user- id , **personalized** logic system can be realized with ease. This paper presents a neural **network** expert system for supporting the forex trader in their decision processes. The system possesses the abovementioned properties. (9 Refs)

Subfile: C

Descriptors: decision support systems; expert systems; financial data processing; foreign exchange trading; learning (artificial intelligence); neural nets

Identifiers: neural **network** expert system; international currency option trading; international currency market; economics statistics releases; exchange rate; foreign exchange trade; rule-based technology; strategic decision **making** ; learning capability; fuzziness; edge weights;

user-id; personalized logic system; forex trader

Class Codes: C7120 (Financial computing); C1230D (Neural nets); C5290 (Neural computing techniques); C6170 (Expert systems); C7102 (Decision support systems)

9/5/5 (Item 5 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2003 Institution of Electrical Engineers. All rts. reserv.

4771996 INSPEC Abstract Number: C9411-1220-034

Title: Linear in the parameters identification for classes of systems

Author(s): Williamson, G.A.

Author Affiliation: Dept. of Electr. & Comput. Eng., Illinois Inst. of Technol., Chicago, IL, USA

Part vol.3 p.2607-12 vol.3

Publisher: IEEE, New York, NY, USA

Publication Date: 1993 Country of Publication: USA 4 vol. 66+3898 pp.

ISBN: 0 7803 1298 8

U.S. Copyright Clearance Center Code: 0191-2216/93/\$3.00

Conference Title: Proceedings of 32nd IEEE Conference on Decision and Control

Conference Sponsor: IEEE Control Syst. Soc

Conference Date: 15-17 Dec. 1993 Conference Location: San Antonio, TX, USA

Language: English Document Type: Conference Paper (PA)

Treatment: Theoretical (T)

Abstract: System identification is often required in situations in which the unknown system is drawn from a class of systems whose characteristics are imprecisely specified. In this paper, a method for selecting an identifier model set is developed which matches the model set to the class of unknown systems. A priori information in the form of impulse responses for examples taken from the system class is used in choosing the model set. The model set is constrained to have a linear in the parameters structure, so that **online** identification algorithms with robust convergence properties are applicable to the problem. This approach is shown to **produce** an **identification** procedure **tailored** to the class of systems in hand, with the benefit of providing reasonably accurate system models while using a limited number of adjustable model parameters. (17 Refs)

Subfile: C

Descriptors: convergence; identification

Identifiers: linear parameters; system identification; impulse responses; **online** identification algorithms; robust convergence properties

Class Codes: C1220 (Simulation, modelling and identification)

9/5/6 (Item 1 from file: 35)

DIALOG(R)File 35:Dissertation Abs Online

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01408527 ORDER NO: AADAA-I9511266

ENCRYPTION BASED SECURITY FOR PUBLIC NETWORKS : TECHNIQUE AND APPLICATION

Author: FERNANDEZ, IRMA BECERRA

Degree: PH.D.

Year: 1994

Corporate Source/Institution: FLORIDA INTERNATIONAL UNIVERSITY (1023)

Major Professor: SUBBARAO WUNNAVA

Source: VOLUME 55/12-B OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 5488. 387 PAGES

Descriptors: ENGINEERING, ELECTRONICS AND ELECTRICAL; COMPUTER SCIENCE

Descriptor Codes: 0544; 0984

This dissertation describes the development of a new system whereby the Public Switch Telephone **Network** (PSTN), which is not secure, can perform like a private **network**. Integrated Services **Digital Network**

{ISDN) forms a technical platform for other communication technologies, such as frame relay and Switched Megabit Data Service (SMDS). This is an original and innovative hardware and software **design** which can be embedded into the ISDN Customer Premises Equipment (CPE) to privatize the public ISDN without the need to upgrade the existing switching equipment. This research incorporates original **design** and development of the following hardware and software modules to provide real-time encryption and decryption of images and data in the ISDN medium: (1) ISDN Communications Module with **customized** Caller- ID access. (2) Token Access Control module for secure log-in. (3) A Hybrid Cryptographic Module, public key for key management and authentication, and private key for privacy. This Cryptographic module, the Security Extension Module to the Terminal Adapter (SEMTA), was implemented in software, and then optimized in hardware. This work proves that medical images and legal documents can be transmitted through the PSTN without any security breach, guaranteeing the privacy, confidentiality, and authenticity of the data.

9/5/7 (Item 1 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00630963 01RS05-008

Because ready-to-wear is so last century

Moran, Gwen.

Computer Shopper , May 1, 2001 , v21 n5 p30, 1 Page(s)

ISSN: 0886-0556

Company Name: Build-to- **Order** Consulting; Made4Me.com; Customatix.com

; Reflect.com; Nike iD

Languages: English

Document Type: Articles, News & Columns

Geographic Location: United States

Discusses customer-focused **Web sites** that offer everything from clothing to footwear to makeup, made to a customer's specifications. Reports that the process is called mass customization, and it is being applied to virtually every industry, according to Build-to- **Order** Consulting, which helps businesses **create** mass-customization models. Mentions that Made4Me uses a process called Intellifit that helps customers input their measurements, which are then downloaded at the subcontractor's automated facility. Explains that within two weeks, a custom-fitted pair of s shipped, for the cost of better sportswear. Names other custom-product **Web sites** : Customatix.com, which offers custom footwear; Reflect.com, with custom beauty aids; and Nike **iD** , for **customized** Nike shoes. Includes a screen display. (MEM)

Descriptors: Electronic Shopping; **Online** Services; Manufacturing; Customer Service; Product Development

Identifiers: Build-to- **Order** Consulting; Made4Me.com; Customatix.com; Reflect.com; Nike iD

9/5/8 (Item 2 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00471268 97PI09-055

Cookie managers

Randall, Neil

PC Magazine , September 9, 1997 , v16 n15 p159-168, 4 Page(s)

ISSN: 0888-8507

Company Name: Kookaburra Software

Product Name: Cookie Pal

Languages: English

Document Type: Buyer and Vendor Guide

Grade (of Product Reviewed): A

Hardware/Software Compatibility: Microsoft Windows; IBM PC Compatible

Geographic Location: United States

Presents reviews of seven cookie managers. Cookies are short text strings which **Web sites** store on a user's hard disk. They can be used to enhance the browsing experience by storing passwords and user **IDs**, **personalizing** start pages, recalling items placed in a user's shopping cart, tracking where users go, and building user profiles of users for displaying targeted ads. Microsoft **Internet Explorer** and Netscape Navigator have options for blocking cookies but they are limited. Dedicated cookie managers can block all cookies without asking the user, allow them to arrive at the user's system, and then provide the ability to wipe them out, or block cookies from specific sites and delete cookies individually. Includes a **buyers** ' guide comparing features of the seven programs reviewed. Cookie Pal (\$15) from Kookaburra Software is the 'Editors' Choice.' Includes one illustration, four screen displays, and one table. (djd)

Descriptors: Security; **Internet**

Identifiers: Cookie Pal; Kookaburra Software

9/5/9 (Item 3 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00423605 96PI05-167

iscreen!

Boyle, Padraic

PC Magazine , May 14, 1996 , v15 n9 p216-217, 2 Page(s)

ISSN: 0888-8507

Company Name: NewView

Product Name: iscreen!

Languages: English

Document Type: Software Review

Grade (of Product Reviewed): B

Hardware/Software Compatibility: IBM PC Compatible

Geographic Location: United States

Presents a favorable review of iscreen! (\$39.95 per year), an **Internet** screening program from NewView Inc., Redwood City, CA (415). Unlike the other screening programs reviewed, this one allows access only to **Web pages** that have been rated on their content based on levels of sex, violence, and 11 other criteria. Over one million sites will have been rated within the year, and parents can add unreviewed **Web sites** to the approved list locally. Parents can **create** user profiles using a log-on **ID** to **personalize** access for each child. These profiles are compared with the database to ascertain each child's access level. If an unauthorized access is attempted, the parents are notified and **Internet** access is denied. A copy of the program may be downloaded from the company's **Web site**. (djd)

Descriptors: Web Tools; Filters; **Internet** ; Software Review; Children; **Web Sites**

Identifiers: iscreen!; NewView

9/5/10 (Item 1 from file: 583)

DIALOG(R)File 583:Gale Group Globalbase(TM)

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09171966

RSL Com va gZrer les tZlZcoms de l'aZroport de Nice

FRANCE: NICE AIRPORT CHOOSES RSL COM

La Tribune (XOT) 07 Oct 1999 p.24

Language: FRENCH

RSL Com France, the French subsidiary of the US telecoms operator has been awarded a five-year concession by the Chamber of Commerce of Nice. The operator will handle fixed telephone services for the 150 companies located

in the area of the Nice airport. These companies employ 1,500 persons and **generate** a fixed telephone traffic of 10mn units per year. This traffic is expected to **generate** a EUR 1.52mn turnover per year. RSL Com becomes the owner of the telecoms infrastructure but it will invest EUR 760,000 in the **network** to offer secured telephone transmission based on Matra's fibre optic equipment. The telephone operator has also committed to offer a 20 to 25% discount on telephone bills. Calls within the airport area will not be charged. Added-value services should also be introduced in the year 2000 to offer new services such as incoming calls **identification** or **personalised** voice-mails. The Provence-Alpes-C4te d'Azur (PACA) region of France accounts for one-third of RSL Com's turnover in France (worth EUR 43mn) and the company invests some FFr 60mn per year to enhance its **network** .

COMPANY: RSL COM

PRODUCT: Aviation Services (4500AS); Air Terminal Services (4595);
Telephone Communications (4811);

EVENT: General Management Services (26); Capital Expenditure (43); Use
of Materials & Supplies (46); Contracts & **Orders** (61);

COUNTRY: France (4FRA);

.13/5/1 (Item 1 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2003 Institution of Electrical Engineers. All rts. reserv.

7468039 INSPEC Abstract Number: B2003-01-6210C-009, C2003-01-6130S-043

Title: Security as services in active networks

Author(s): Zhaoyu Liu; Campbell, R.H.; Mickunas, M.D.

Author Affiliation: Dept. of Software & Inf. Syst., North Carolina Univ., Charlotte, NC, USA

Conference Title: Proceedings ISCC 2002 Seventh International Symposium on Computers and Communications p.883-90

Editor(s): Corradi, A.; Daneshmand, M.

Publisher: IEEE Comput. Soc, Los Alamitos, CA, USA

Publication Date: 2002 Country of Publication: USA xxiv+1051 pp.

ISBN: 0 7695 1671 8 Material Identity Number: XX-2002-02138

U.S. Copyright Clearance Center Code: 0-7695-1671-8/02/\$17.00

Conference Title: Proceedings ISCC 2002 Seventh International Symposium on Computers and Communications

Conference Sponsor: IEEE Commun. Soc.; IEEE Comput. Soc

Conference Date: 1-4 July 2002 Conference Location: Taormina-Giardini Naxos, Italy

Language: English Document Type: Conference Paper (PA)

Treatment: Practical (P)

Abstract: This paper discusses the **design** and implementation for supporting **customized security** services in active **networks** using active networking principles. The customized security services support is based on a secure node architecture that includes an active node operating system security API, an active security guardian, and quality of protection provisions. The support of highly customized security services permits active nodes to satisfy the application-specific dynamic security and protection requirements. It associates quality of protection with network software and application security. Applications can dynamically select the suitable security configurations and services at each active routing node, based on their security and performance requirements. The secure node architecture, together with the support of dynamically customized security services, can provide a fundamental base for securing the active network infrastructure and active applications. (21 Refs)

Subfile: B C

Descriptors: application program interfaces; computer network management; network operating systems; performance evaluation; telecommunication network routing; telecommunication security

Identifiers: customized security services; active networks; secure node architecture; operating system security API; active security guardian; protection provision quality; application-specific dynamic security; active routing node; performance requirements

Class Codes: B6210C (Network management); B6150P (Communication network design, planning and routing); B6210L (Computer communications); C6130S (Data security); C5670 (Network performance); C6150J (Operating systems); C6150N (Distributed systems software); C5620 (Computer networks and techniques)

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13/5/2 (Item 2 from file: 2)

DIALOG(R)File 2:INSPEC

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7244572

Title: Breaking the e-content language barrier-be professional

Author(s): Leonard, R.

Author Affiliation: KnowHow Systems Ltd., Woking, UK

Journal: Information Management & Technology vol.35, no.2 p.80-3

Publisher: Cimtech,

Publication Date: March-April 2002 Country of Publication: UK

CODEN: IMTHEM ISSN: 0266-6960

SICI: 0266-6960(200203/04)35:2L:80:BCLB;1-9

Material Identity Number: P582-2002-002

Language: English Document Type: Journal Paper (JP)

Treatment: Practical (P)

Abstract: The London City law firm, Berwin Leighton Paisner, partnered with the professional services firm Deloitte & Touche to form a joint venture with the mission of delivering professional services over the Internet. This new company, known as BeProfessional.com, is designed to revolutionise the way professional services are delivered, as well as how businesses and their advisors interact. The website will offer interactive business to small and medium-sized businesses, tailored to the specific requirements of each individual organisation. A key element of this process will be to provide quick, easy and efficient online solutions to a wide variety of legal, tax, accounting and other business critical issues/problems. To meet this goal, Berwin Leighton Paisner and Deloitte & Touche partnered with KnowHow Systems, a systems integrator and developer of KcentriX, a suite of Internet content management products. KnowHow Systems is implementing KcentriX for BeProfessional.com to create a system that allows the business community to obtain professional solutions **online**, access commonly-used business **documents** and automatically **generate personalised documents** from stored content, delivering them in various electronic formats.

Subfile: D

Descriptors: document handling; electronic commerce; hypermedia markup languages; Internet

Identifiers: law firm; Berwin Leighton Paisner; Deloitte & Touche; professional services; Internet; BeProfessional.com; KnowHow Systems; KcentriX; content management; XML

Class Codes: D3045 (Records management systems for business automation); D2010 (Business and professional IT applications); D2080 (Information services and database systems in IT)

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13/5/3 (Item 3 from file: 2)

DIALOG(R)File 2:INSPEC

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7068115 INSPEC Abstract Number: C2001-11-7110-059

Title: Web documentation project at the University of Delaware

Author(s): Hopkins, D.

Author Affiliation: IT Help Center, Delaware Univ., Newark, DE, USA

Conference Title: Building the Future. SIGUCCS 2000. Conference Proceedings. Fall User Services Conference p.102-5

Publisher: ACM, New York, NY, USA

Publication Date: 2000 **Country of Publication:** USA xii+375 pp.

ISBN: 1 58113 299 8 **Material Identity Number:** XX-2000-02425

U.S. Copyright Clearance Center Code: 1 58113 299 8/2000/0010..\$5.00

Conference Title: Proceedings of SIGUCCS 2000. Building the Future

Conference Sponsor: ACM

Conference Date: 29 Oct.-1 Nov. 2000 **Conference Location:** Richmond, VA, USA

Language: English **Document Type:** Conference Paper (PA)

Treatment: Practical (P)

Abstract: The Web Documentation Project at the University of Delaware (UD) organizes the computing help information available to the University community. The project's goal is to provide information to our users whenever they need it in a format they can understand without having to call the Help Center. The Help Center staff realized that they needed a forum to disseminate information to the University community after the normal 8-5 workday. This forum would also provide users with quick information and solutions to common questions without having to wait for a return call during busy times of the day or semester. Using existing Web documents created by information technologies (IT) staff and calling upon staff members in other departments to fill in the documentation gaps, the

first version of the Help Center Web page went online in the fall semester of 1996. Using this Web page as a starting point, borrowing from the newly redesigned University Web page and incorporating user input, the interface was redesigned with an emphasis placed on quickly finding information. An alphabetical index was added and the University's newly acquired Ultraseek Search Engine was customized to search relevant documents. The new version went online in the fall semester of 1999. Since then, there has been a concerted effort to simplify existing documents and expand the number of areas covered. Prior to this process, most documents were placed in scattered directories owned by the people who created them which led to numerous documents that essentially contained the same information. Now the documents are being moved to central directories that better suit the subject matter and duplicate documents are being phased out. Using this process and user feedback, the Help Center staff continue to look for ways to improve the Web page and the information provided.

Subfile: C

Descriptors: educational administrative data processing; information dissemination; information resources; personnel; search engines; technical support services

Identifiers: Web Documentation Project; computing help information; university community; Help Center staff; forum; quick information; common questions; Web documents; staff members; Help Center Web page; university Web page; user input; alphabetical index; Ultraseek Search Engine; user feedback

Class Codes: C7110 (Educational administration); C0310B (Computer facilities); C7210N (Information networks); C7220 (Generation, dissemination, and use of information); C7250N (Search engines)

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13/5/4 (Item 4 from file: 2)

DIALOG(R)File 2:INSPEC

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5467844

Title: Global networking

Author(s): Kemper, P.

Journal: Document World no.6 p.24-5

Publisher: Int. Inf. Manag. Congress,

Publication Date: Nov.-Dec. 1996 Country of Publication: USA

CODEN: DOWOFI ISSN: 1025-9228

SICI: 1025-9228(199611/12)6L:24:GN;1-4

Material Identity Number: F154-96006

Language: English Document Type: Journal Paper (JP)

Treatment: Practical (P)

Abstract: Novell is creating a worldwide network specifically tailored for distributed document management systems or business-to-business solutions for electronic commerce. The author explains the underlying technology and analyses the implications for users. (0 Refs)

Subfile: D

Descriptors: commerce; document handling; Internet; local area networks

Identifiers: worldwide network; distributed document management systems; business-to-business solutions; global networking; Novell; electronic commerce; intranets

Class Codes: D5020 (Computer networks and intercomputer communications); D2010 (Business and professional); D3045 (Records management systems)

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13/5/5 (Item 5 from file: 2)

DIALOG(R)File 2:INSPEC

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5413157 INSPEC Abstract Number: C9612-7140-014

Title: Clinical extracts of biomedical literature for patient-centered problem solving

Author(s): Florance, V.

Author Affiliation: Rochester Univ. Med. Center, NY, USA

Journal: Bulletin of the Medical Library Association vol.84, no.3

p.375-85

Publisher: Med. Libr. Assoc,

Publication Date: July 1996 Country of Publication: USA

CODEN: BMLAAG ISSN: 0025-7338

SICI: 0025-7338(199607)84:3L:375:CEBL;1-M

Material Identity Number: B768-96004

Language: English Document Type: Journal Paper (JP)

Treatment: Practical (P)

Abstract: The paper reports on a four part qualitative research project aimed at **designing an online document surrogate tailored** to the needs of physicians seeking biomedical literature for use in clinical problem solving. The clinical extract, designed in collaboration with three practicing physicians, combines traditional elements of the MEDLINE record (e.g., title, author, source, abstract) with new elements (e.g., table captions, text headings, case profiles) suggested by the physicians. Specifications for the prototype clinical extract were developed through a series of relevance scoring exercises and semistructured interviews. For six clinical questions, three physicians assessed the applicability of selected articles and their document surrogates, articulating relevance criteria and reasons for their judgments. A prototype clinical extract based on their suggestions was developed, tested, evaluated, and revised. The final version includes content and format aids to make the extract easy to use. The goals, methods, and outcomes of the research study are summarized, and a template of the final design is provided. (28 Refs)

Subfile: C

Descriptors: bibliographic systems; medical computing; medical information systems; relevance feedback

Identifiers: biomedical literature; patient centered problem solving; qualitative research project; online document surrogate; clinical problem solving; practicing physicians; MEDLINE record; prototype clinical extract; relevance scoring exercises; semistructured interviews; clinical questions; document surrogates; relevance criteria; format aids; research study

Class Codes: C7140 (Medical administration); C7330 (Biology and medical computing); C7250R (Information retrieval techniques); C7250C (Bibliographic retrieval systems)

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13/5/6 (Item 1 from file: 35)

DIALOG(R)File 35:Dissertation Abs Online

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01528379 ORDER NO: AAD97-05779

RE-ENGINEERING THE MIS ORGANIZATION FOR ELECTRONIC COMMERCE

Author: BA, SULIN

Degree: PH.D.

Year: 1996

Corporate Source/Institution: THE UNIVERSITY OF TEXAS AT AUSTIN (0227)

Supervisor: ANDREW B. WHINSTON

Source: VOLUME 57/09-A OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 4019. 168 PAGES

Descriptors: BUSINESS ADMINISTRATION, MANAGEMENT ; INFORMATION SCIENCE

Descriptor Codes: 0454; 0723

Electronic commerce is changing the way companies do business. One fundamental aspect that is frequently ignored is the interplay between the internal and external commerce. To provide support for this interplay, MIS organizations need to rethink the organization of technology in terms of brokerages, because the traditional notion of client/server computing is not sufficient to deal with the complexity of electronic commerce.

Consequently, new computing forms have to be developed to process, filter and **customize on - line documents**. This research studies the **design** of brokerages from both the organizational and technological perspectives. In particular, it focuses on: (1) the development of an intermediary MIS brokerage as a profit center that will enable organizations to carry out value-added "knowledge-rich" transactions in the electronic marketplace; (2) the enterprise wide issues that people are concerned with and how to identify them; and (3) the technology requirements to build the MIS brokerage that is capable of supporting the pertinent corporate functionality. The success of the MIS brokerage will depend on its ability to digest and meet users' needs and, thus, to deliver value-added knowledge products that enhance the profitability of the company. The main objective of this work is to provide an infrastructure for MIS organizations as a central brokerage which serves not only as the intermediary between information and information users, but also as an integrating force that represents the convergence of business applications and computing technologies for the twenty-first century.

13/5/7 (Item 1 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00616033 00IT12-030

SoftLock.com unveils DRM technology, teams with YellowBrix

Information Today , December 1, 2000 , v17 n11 p44, 1 Page(s)

ISSN: 8755-6286

Company Name: SoftLock.com; YellowBrix

URL: <http://www.softlock.com> <http://www.yellowbrix.com>

Languages: English

Document Type: Product Announcement

Geographic Location: United States

Announces that SoftLock.com, Inc. of Maynard, MA (978) has introduced its Dynamic Content Locking (DCL) technology, which enables digital content to be packaged, secured, and distributed in realtime. Says that DCL is an innovative approach to digital rights management (DRM), which will allow consumers to **order digital documents** that are **customized** to their interests, packaged on the fly, and delivered within seconds. Also announces that SoftLock has selected YellowBrix, Inc., a provider of commerce and advanced personalization services built on contextual analysis, to power a new contextual marketing product. Relates that by integrating its products into the network of Web sites featuring YellowBrix's IntelliClix technology, SoftLock will add a contextual commerce capability to its suite of content marketing tools. (KMD)

Descriptors: Enterprise Computing; Electronic Commerce; Document Delivery; Marketing; Distribution; Realtime; Knowledge Management

Identifiers: SoftLock.com; YellowBrix

13/5/8 (Item 2 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00540259 99EP07-004

Digital color printing gathers momentum -- Digital production printing applications range from simple to sophisticated

Ward, Noel

Electronic Publishing , July 1, 1999 , v23 n7 p24-31, 6 Page(s)

ISSN: 0194-4851

Languages: English

Document Type: Articles, News & Columns

Geographic Location: United States

Discusses digital color printing applications. States that the leading digital production color presses are increasingly being called into service to **produce customized and personalized documents**. Says that

. 17/5/1 (Item 1 from file: 35)
DIALOG(R)File 35:Dissertation Abs Online
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01832319 ORDER NO: AADAA-I3013467

The effect of a Technology-Linking Care (TLC) intervention on HIV/AIDS patients' therapeutic drug regimen adherence

Author: Musser, Donna Bridgman

Degree: Ph.D.

Year: 2001

Corporate Source/Institution: University of Missouri - Saint Louis (0481)

Adviser: Sally Hardin

Source: VOLUME 62/04-B OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 1808. 158 PAGES

Descriptors: HEALTH SCIENCES, NURSING ; INFORMATION SCIENCE ; HEALTH SCIENCES, HEALTH CARE MANAGEMENT

Descriptor Codes: 0569; 0723; 0769

ISBN: 0-493-23335-0

This study explored the efficacy of using telecommunications—Technology Linking Care (TLC)—to collect health assessment data, to provide therapeutic support, and to enhance therapeutic drug adherence with HIV/AIDS patients. The study was conducted at the AIDS Clinical Trials Unit (ACTU) of the Washington University School of Medicine in St. Louis that is affiliated with the BJC Health System in St. Louis, Missouri. Twenty-two subjects, or six-percent of the current ACTU patients, were randomly selected to participate in this study. Thirteen of those twenty-two subjects were randomly chosen to receive the TLC intervention.

Online questionnaires were used to collect demographic and health assessment data. Selected HIV/AIDS health information websites were identified and communicated to the subjects for their review. **Personalized** HIV/AIDS drug **cards** were **created** for each subject. Southwestern Bell **digital** cell phones were used to send text-message email “cues” to remind the intervention subjects to take their prescribed HIV/AIDS drugs.

The TLC intervention found that demographic and health assessment data could be efficiently collected using online questionnaires. Although not used extensively by the subjects, the identified websites were found to be very informative. The subjects did not use the personalized drug cards. The digital cell phone “cues” did significantly improve pre-to-post drug adherence in the intervention group ($t = 3.13$, $p = 0.011$).

Data from this study support expanding this research, using the latest emerging telecommunications technology, to a larger HIV/AIDS sample within the St. Louis metropolitan region.

17/5/2 (Item 1 from file: 233)
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00612331 00FO10-004

Homemade for the holidays -- Make your own personalized photo greeting cards with help from the digital darkroom

Sawalich, William

PC Photo , October 1, 2000 , v4 n6 p48-51, 4 Page(s)

ISSN: 1094-1673

Languages: English

Document Type: Articles, News & Columns

Geographic Location: United States

Focuses on how to use the **digital** darkroom to **create** **personalized** photo greeting **cards** for the holidays. Highlights the best elements for Christmas cards, Hanukkah cards, and New Year's cards, with examples of each. Points out that the most important aspect of the Christmas card is

the photograph. Also mentions that it is a good idea to keep the card simple. Notes the use of a somewhat elaborate font, and applying depth to the text. Also points out that the application of simple borders gives the card a finished look. Notes the plain black background and more elaborate text of the Hanukkah card. Says the image for the New Year's card was a stock photograph from a photo-sharing database. Claims it is simple to turn text and images into a nice graphic design using layering tools and basic editing. Includes three screen displays and one photo. (kgh)

Descriptors: Desktop Publishing; Image Processing; Special Effects; Family

17/5/3 (Item 2 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00535207 99FP05-006

To mom, with love -- 10 easy Mother's Day projects from a PC-savvy dad

Panepinto, Joe

FamilyPC , May 1, 1999 , v6 n5 p105-108, 4 Page(s)

ISSN: 1076-7754

Company Name: iprint; Kodak

URL: <http://www.iprint.com> <http://www.photonet.com>

Product Name: iPrint; Photonet

Languages: English

Document Type: Articles, News & Columns

Geographic Location: United States

Describes and supplies pictures of ten possible Mother's Day gift projects that dads can assist children to make using a home computer. Projects ranged from homemade bookmark, tote bag printed with child's photo, a family photo calendar, certificate or coupon for a free service, business cards, family photo screen saver, notepad cubed with a child's photo, a card, a family photo- **personalized** gift **purchased** from the iPrint **Web site**, or a family Web page. Includes one sidebar, 'Software Toolkit' (p98) that explains what software was used for the projects. Explains software is to be used with hardware such as scanner, and digi arrangements can be made with a service such as Kodak PhotoNet. Includes nine photos and two screen displays. (bjp)

Descriptors: Family; Home; Children; Art; Photography; Women

Identifiers: iPrint; Photonet; iprint; Kodak

17/5/4 (Item 3 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00489294 98OL03-005

Custom pages on-the-fly -- A new model of interactivity emerges on the web

Dysart, Joe

Online , March 1, 1998 , v22 n2 p39-44, 4 Page(s)

ISSN: 0146-5422

Company Name: Open Sesame; American Greetings

URL: <http://www.opensesame.com> <http://www.americangreetings.com>

Languages: English

Document Type: Articles, News & Columns

Geographic Location: United States

Discusses the development of more personalized, interactive Web sites enabled by software advances. Highlights two sites, Open Sesame and American Greetings. Says the Open Sesame site was created with Allaire's Cold Fusion software, and utilizes a patent-pending learning agent to continually refine material presented, based on the visitor's preferences. Notes the learning agent can track changes in interest, as well as day-of-the-week-specific areas of interest, by collecting and analyzing every click the visitor makes at the site. Says the American Greetings site

was created with Informix's Universal Web Architecture, and supports
creating personalized cards , with or without personal photos,
creating an **online** personal assistant, and maintaining an online
address book for electronic and traditional mail services. Includes two
screen displays and two sidebars. (JC)

Descriptors: Web Sites; Interactivity

Identifiers: Open Sesame; American Greetings